Twin Vee Catamarans™

3101 S. US 1
Fort Pierce, FL 34982
Toll Free: (866) 614-2525
Local: (772) 429-2525 ~ Fax: (772) 429-2590
info@twinvee.com ~ www.twinvee.com

February 27, 2013

Linda Brien
Permitting Supervisor
SE District Department
West Palm Beach, Florida

Please find attached the long form title application for our Title V air permit renewal. This renewal is for:
Twin Vee Catamarans, Inc.
Fort Pierce Florida
St. Lucie County
Facility ID: 1110111
Final Permit Number: 1110111-003-AV

The current permit was issued October 23, 2003 with the effective date of October 14, 2008. This curren application renewal due date March 2, 2013 and has an expiration date October 13, 2013

The original permit was submitted sent in on March 14, 2003 under the name of Twin Vee Powercats Inc it was for a new air construction permit and initiated start-up operations May 2003.

Our facility is subject to the MACT requirements (40CFR63 Subpart VVVV) and we demonstrate our MACT conformance using emission averaging.

The current owner, Roger Dunshee, took over operations in December 2009, purchasing the assets from the Bankruptcy Court. The Plant had no production from December 2008 until it was restarted in Januar 2010 so there was a one-year period of no production, 2010-2011-2012 have seen consistent growth anc 2013 has started out extremely strong. While operating the facility for the past three years, all DEP reports have been filed in accordance with the stipulation of the permit. On November 11, 2012, Twin Vee Catamarans, Inc. had a complete inspection and file review of our Title V permit by two SE District Environmental Specialists, Patricia Tampas and Scott Tranor. All of our records were found to be in order and compliant.

Please call or email me with any questions.

William E. Sturtz
Environmental Manager
Twin Vee Catamarans, Inc.
727.647.7716
we.sturtz@verizon.net

Department of Environmental Protection

Division of Air Resource Management

APPLICATION FOR AIR PERMIT - LONG FORM

RECEIVED
MAR 01 2013
FL DEP
WEST PALM BEACH

I. APPLICATION INFORMATION

Air Construction Permit – Use this form to apply for an air construction permit:

- For any required purpose at a facility operating under a federally enforceable state air operation permit (FESOP) or Title V air operation permit;
- For a proposed project subject to prevention of significant deterioration (PSD) review, nonattainment new source review, or maximum achievable control technology (MACT);
- To assume a restriction on the potential emissions of one or more pollutants to escape a requirement such as PSD review, nonattainment new source review, MACT, or Title V; or
- To establish, revise, or renew a plant wide applicability limit (PAL).

Air Operation Permit – Use this form to apply for:

- An initial federally enforceable state air operation permit (FESOP); or
- An initial, revised, or renewal Title V air operation permit.

To ensure accuracy, please see form instructions.

Identification of Facility

1. Facility Owner/Company Name: Twin Vee Catamarans, Inc.	
2. Site Name: Twin Vee Catamarans, Inc.	
3. Facility Identification Number: 1110111	
4. Facility Location...Fort Pierce Street Address or Other Locator: 3101 South Federal Highway City: Fort Pierce County: St. Lucie Zip Code: 34982	
5. Relocatable Facility? ☐ Yes ☒ No	6. Existing Title V Permitted Facility? ☒ Yes ☐ No

Application Contact

1. Application Contact Name: William E. Sturtz
2. Application Contact Mailing Address... Organization/Firm: Twin Vee Catamarans, Inc. Street Address: 3101 South Federal Highway City: Fort Pierce State: Florida Zip Code: 34982
3. Application Contact Telephone Numbers... Telephone: (727) - 647-7716 ext. Fax: ( ) -
4. Application Contact E-mail Address: we.sturtz@verizon.net

Application Processing Information (DEP Use)

1. Date of Receipt of Application:	3. PSD Number (if applicable):
2. Project Number(s):	4. Siting Number (if applicable):

APPLICATION INFORMATION

Purpose of Application

This application for air permit is being submitted to obtain: (Check one)

Air Construction Permit

☐ Air construction permit.

☐ Air construction permit to establish, revise, or renew a plantwide applicability limit (PAL).

☐ Air construction permit to establish, revise, or renew a plantwide applicability limit (PAL), and separate air construction permit to authorize construction or modification of one or more emissions units covered by the PAL.

Air Operation Permit

☐ Initial Title V air operation permit.

☐ Title V air operation permit revision.

☒ Title V air operation permit renewal.

☐ Initial federally enforceable state air operation permit (FESOP) where professional engineer (PE) certification is required.

☐ Initial federally enforceable state air operation permit (FESOP) where professional engineer (PE) certification is not required.

Air Construction Permit and Revised/Renewal Title V Air Operation Permit (Concurrent Processing)

☐ Air construction permit and Title V permit revision, incorporating the proposed project.

☐ Air construction permit and Title V permit renewal, incorporating the proposed project.

Note: By checking one of the above two boxes, you, the applicant, are requesting concurrent processing pursuant to Rule 62-213.405, F.A.C. In such case, you must also check the following box:

☐ I hereby request that the department waive the processing time requirements of the air construction permit to accommodate the processing time frames of the Title V air operation permit.

Application Comment

Current Title V permit issued October 14, 2008 with renewal application due March 2, 2013. Due to economic conditions, the facility was not in operation from January thru December of 2009. The new owner resumed operation in January of 2010 and is the current facility operator.

APPLICATION INFORMATION

Scope of Application

Emissions Unit ID Number	Description of Emissions Unit	Air Permit Type	Air Permit Processing Fee
001	Fiberglass boat building, resins and gel coat applications, miscellaneous solvents and related assembly cleanup activities.	Title V Renewal ACIC	

Application Processing Fee

Check one: ☐ Attached - Amount: $_____ ☒ Not Applicable

APPLICATION INFORMATION

Owner/Authorized Representative Statement

Complete if applying for an air construction permit or an initial FESOP.

1. Owner/Authorized Representative Name :
   Roger Dunshee

2. Owner/Authorized Representative Mailing Address...
   Organization/Firm: Twin Vee Catamarans, Inc.
   Street Address: 3101 South Federal Highway
   City: Fort Pierce State Florida: Zip Code: 34982

3. Owner/Authorized Representative Telephone Numbers...
   Telephone: (772) 429-2525 - ext. Fax: (772) 429-2529 -

4. Owner/Authorized Representative E-mail Address: info@twinvee.com

5. Owner/Authorized Representative Statement:

   I, the undersigned, am the owner or authorized representative of the corporation, partnership, or other legal entity submitting this air permit application. To the best of my knowledge, the statements made in this application are true, accurate and complete, and any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. I understand that a permit, if granted by the department, cannot be transferred without authorization from the department.

Signature 2-27-13 Date

II. FACILITY INFORMATION

A. GENERAL FACILITY INFORMATION

Facility Location and Type

1. Facility UTM Coordinates... Zone 17 East (km) 565.87 North (km) 3031.86		2. Facility Latitude/Longitude... Latitude (DD/MM/SS) 27°24'36" Longitude (DD/MM/SS) 80°19'37"	
3. Governmental Facility Code: 0	4. Facility Status Code: A	5. Facility Major Group SIC Code: 37	6. Facility SIC(s): 3732
7. Facility Comment :			

Facility Contact

1. Facility Contact Name: William E. Sturtz
2. Facility Contact Mailing Address... Organization/Firm: Twin Vee Catamarans, Inc. Street Address: 3101 South Federal Highway City: Fort Pierce State: Florida Zip Code: 34982
3. Facility Contact Telephone Numbers: Telephone: (727) 647-7716 - ext. Fax: ( ) -
4. Facility Contact E-mail Address: we.sturtz@verizon.net

Facility Primary Responsible Official

Complete if an "application responsible official" is identified in Section I that is not the facility "primary responsible official."

1. Facility Primary Responsible Official Name:
2. Facility Primary Responsible Official Mailing Address... Organization/Firm: Street Address: City: State: Zip Code:
3. Facility Primary Responsible Official Telephone Numbers... Telephone: ( ) - ext. Fax: ( ) -
4. Facility Primary Responsible Official E-mail Address:

FACILITY INFORMATION

Facility Regulatory Classifications

Check all that would apply *following* completion of all projects and implementation of all other changes proposed in this application for air permit. Refer to instructions to distinguish between a "major source" and a "synthetic minor source."

1. ☐ Small Business Stationary Source	☐ Unknown
2. ☐ Synthetic Non-Title V Source	
3. ☐ Title V Source	
4. ☐ Major Source of Air Pollutants, Other than Hazardous Air Pollutants (HAPs)	
5. ☐ Synthetic Minor Source of Air Pollutants, Other than HAPs	
6. ☒ Major Source of Hazardous Air Pollutants (HAPs)	
7. ☐ Synthetic Minor Source of HAPs	
8. ☐ One or More Emissions Units Subject to NSPS (40 CFR Part 60)	
9. ☐ One or More Emissions Units Subject to Emission Guidelines (40 CFR Part 60)	
10. ☐ One or More Emissions Units Subject to NESHAP (40 CFR Part 61 or Part 63)	
11. ☐ Title V Source Solely by EPA Designation (40 CFR 70.3(a)(5))	
12. Facility Regulatory Classifications Comment:	

FACILITY INFORMATION

List of Pollutants Emitted by Facility

1. Pollutant Emitted	2. Pollutant Classification	3. Emissions Cap [Y or N]?
H163	Styrene	Y
H125	Methyl methacrylate	Y
H129	Methylene diphenyl diisocyanate (MDI)	Y
H017	Benzene	Y
H012	Aniline	Y
H085	Ethyl benzene	Y
H120	Methyl ethyl ketone	Y
H172	o-Toluidine	Y
H169	Toluene	Y
H186	Xylenes	Y
HAPs	Total HAPs	Y
VOCs	Total VOCs	Y

B. EMISSIONS CAPS

Facility-Wide or Multi-Unit Emissions Caps

1. Pollutant Subject to Emissions Cap	2. Facility-Wide Cap [Y or N]? (all units)	3. Emissions Unit ID's Under Cap (if not all units)	4. Hourly Cap (lb/hr)	5. Annual Cap (ton/yr)	6. Basis for Emissions Cap
Styrene	Y	.001	6.48	28.4	Rule
Total HAPs	Y	.001	7.35	32.2	Rule

7. Facility-Wide or Multi-Unit Emissions Cap Comment:

C. FACILITY ADDITIONAL INFORMATION

Additional Requirements for All Applications, Except as Otherwise Stated

1.	Facility Plot Plan: (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought) ☐ Attached, Document ID:_____ ☒ Previously Submitted, Date:10/23/03
2.	Process Flow Diagram(s): (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought) ☐ Attached, Document ID:_____ ☒ Previously Submitted, Date: 10/23/03
3.	Precautions to Prevent Emissions of Unconfined Particulate Matter: (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought) ☐ Attached, Document ID:_____ ☒ Previously Submitted, Date: 10/23/03

Additional Requirements for Air Construction Permit Applications

1.	Area Map Showing Facility Location: ☐ Attached, Document ID:_____ ☒ Not Applicable (existing permitted facility)
2.	Description of Proposed Construction, Modification, or Plantwide Applicability Limit (PAL): ☐ Attached, Document ID:_____
3.	Rule Applicability Analysis: ☐ Attached, Document ID:_____
4.	List of Exempt Emissions Units: ☐ Attached, Document ID:_____ ☒ Not Applicable (no exempt units at facility)
5.	Fugitive Emissions Identification: ☒ Attached, Document ID:_____ ☐ Not Applicable
6.	Air Quality Analysis (Rule 62-212.400(7), F.A.C.): ☐ Attached, Document ID:_____ ☒ Not Applicable
7.	Source Impact Analysis (Rule 62-212.400(5), F.A.C.): ☐ Attached, Document ID:_____ ☒ Not Applicable
8.	Air Quality Impact since 1977 (Rule 62-212.400(4)(e), F.A.C.): ☐ Attached, Document ID:_____ ☒ Not Applicable
9.	Additional Impact Analyses (Rules 62-212.400(8) and 62-212.500(4)(e), F.A.C.): ☐ Attached, Document ID:_____ ☒ Not Applicable
10.	Alternative Analysis Requirement (Rule 62-212.500(4)(g), F.A.C.): ☐ Attached, Document ID:_____ ☒ Not Applicable

C. FACILITY ADDITIONAL INFORMATION (CONTINUED)

Additional Requirements for FESOP Applications

1. List of Exempt Emissions Units:
   ☐ Attached, Document ID:_____ ☒ Not Applicable (no exempt units at facility)

Additional Requirements for Title V Air Operation Permit Applications

1. List of Insignificant Activities: (Required for initial/renewal applications only)
   ☒ Attached, Document ID:_____ ☐ Not Applicable (revision application)

2. Identification of Applicable Requirements: (Required for initial/renewal applications, and for revision applications if this information would be changed as a result of the revision being sought)
   ☐ Attached, Document ID:_____
   ☒ Not Applicable (revision application with no change in applicable requirements)

3. Compliance Report and Plan: (Required for all initial/revision/renewal applications)
   ☒ Attached, Document ID:_____
   Note: A compliance plan must be submitted for each emissions unit that is not in compliance with all applicable requirements at the time of application and/or at any time during application processing. The department must be notified of any changes in compliance status during application processing.

4. List of Equipment/Activities Regulated under Title VI: (If applicable, required for initial/renewal applications only)
   ☐ Attached, Document ID:_____
   ☐ Equipment/Activities Onsite but Not Required to be Individually Listed
   ☒ Not Applicable

5. Verification of Risk Management Plan Submission to EPA: (If applicable, required for initial/renewal applications only)
   ☐ Attached, Document ID:_____ ☒ Not Applicable

6. Requested Changes to Current Title V Air Operation Permit:
   ☐ Attached, Document ID:_____ ☒ Not Applicable

EMISSIONS UNIT INFORMATION
Section [ ] of [ ]

A. GENERAL EMISSIONS UNIT INFORMATION

Title V Air Operation Permit Emissions Unit Classification

1. Regulated or Unregulated Emissions Unit? (Check one, if applying for an initial, revised or renewal Title V air operation permit. Skip this item if applying for an air construction permit or FESOP only.)

[X] The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.

[ ] The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

Emissions Unit Description and Status

1. Type of Emissions Unit Addressed in this Section: (Check one)

[X] This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).

[ ] This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.

[ ] This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

2. Description of Emissions Unit Addressed in this Section: Fiberglass boat building, resin and gel coat applications, miscellaneous solvents and related assembly and clean-up activities.

3. Emissions Unit Identification Number:

4. Emissions Unit Status Code:	5. Commence Construction Date:	6. Initial Startup Date:	7. Emissions Unit Major Group SIC Code:
A	March 2003	May 2003	37

8. Federal Program Applicability: (Check all that apply)

[ ] Acid Rain Unit

[ ] CAIR Unit

9. Package Unit:
Manufacturer: Model Number:

10. Generator Nameplate Rating: MW

11. Emissions Unit Comment:

B. EMISSIONS UNIT CAPACITY INFORMATION

(Optional for unregulated emissions units.)

Emissions Unit Operating Capacity and Schedule

1. Maximum Process or Throughput Rate:	
2. Maximum Production Rate:	
3. Maximum Heat Input Rate: million Btu/hr	
4. Maximum Incineration Rate: pounds/hr tons/day	
5. Requested Maximum Operating Schedule: 24 hours/day 52 weeks/year	7 days/week 8760 hours/year
6. Operating Capacity/Schedule Comment:	

C. EMISSION POINT (STACK/VENT) INFORMATION

(Optional for unregulated emissions units.)

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram:	2. Emission Point Type Code: 4	
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking:		
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common:		
5. Discharge Type Code:	6. Stack Height: feet	7. Exit Diameter: feet
8. Exit Temperature: °F	9. Actual Volumetric Flow Rate: acfm	10. Water Vapor: %
11. Maximum Dry Standard Flow Rate: dscfm	12. Nonstack Emission Point Height: feet	
13. Emission Point UTM Coordinates... Zone: East (km): North (km):	14. Emission Point Latitude/Longitude… Latitude (DD/MM/SS) Longitude (DD/MM/SS)	
15. Emission Point Comment: Emissions are fugitive and without discrete emission points.		

D. SEGMENT (PROCESS/FUEL) INFORMATION

Segment Description and Rate: Segment __ of __

1. Segment Description (Process/Fuel Type): Transportation equipment manufacturing – boat manufacturing		
2. Source Classification Code (SCC): 31401504	3. SCC Units: Tons resins used	
4. Maximum Hourly Rate: .044	5. Maximum Annual Rate: 383	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur:	8. Maximum % Ash:	9. Million Btu per SCC Unit:
10. Segment Comment:		

Segment Description and Rate: Segment __ of __

1. Segment Description (Process/Fuel Type):		
2. Source Classification Code (SCC):	3. SCC Units:	
4. Maximum Hourly Rate:	5. Maximum Annual Rate:	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur:	8. Maximum % Ash:	9. Million Btu per SCC Unit:
10. Segment Comment:		

E. EMISSIONS UNIT POLLUTANTS

List of Pollutants Emitted by Emissions Unit

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
Styrene			H163
Methyl methacrylate			H125
Methylene diphenyl diisocyanate (MDI)			H129
Benzene			H017
Aniline			H012
Ethyl benzene			H085
Methyl ethyl ketone			H120
o-Toluidine			H172
Toluene			H169
Xylenes			H186

F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION – POTENTIAL, FUGITIVE, AND ACTUAL EMISSIONS

(Optional for unregulated emissions units.)

Complete a Subsection F1 for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V operation permit. Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1. Pollutant Emitted: H163 Styrene	2. Total Percent Efficiency of Control:
3. Potential Emissions: 6.48 lb/hour 28.4 tons/year	4. Synthetically Limited? [X] Yes [ ] No
5. Range of Estimated Fugitive Emissions (as applicable): 3 25 to 100 tons/year	
6. Emission Factor: Reference: AP-42	7. Emissions Method Code: 3
8.a. Baseline Actual Emissions (if required): 21.5 tons/year	8.b. Baseline 24-month Period: From: Jan. 2011 To: Dec. 2012
9.a. Projected Actual Emissions (if required): tons/year	9.b. Projected Monitoring Period: [X] 5 years [ ] 10 years

10. Calculation of Emissions:
See Attachment under Tab 4

11. Potential, Fugitive, and Actual Emissions Comment:
All emissions are fugitive emissions

F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION - ALLOWABLE EMISSIONS

Complete Subsection F2 if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

Allowable Emissions Allowable Emissions __ of __

1. Basis for Allowable Emissions Code: Ambient H163 Styrene	2. Future Effective Date of Allowable Emissions: March 2013
3. Allowable Emissions and Units: 28.4	4. Equivalent Allowable Emissions: 6.48 lb/hour 28.4 tons/year
5. Method of Compliance: Limit resin usage to 383 tons/year	
6. Allowable Emissions Comment (Description of Operating Method): Resin usage will be reported monthly to ensure conformance with a twelve-month rolling total to equal no more than 383 tons/year	

Allowable Emissions Allowable Emissions __ of __

1. Basis for Allowable Emissions Code: Ambient HAPs (Total HAPs)	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units: 33.2	4. Equivalent Allowable Emissions: 7.58 lb/hour 33.2 tons/year
5. Method of Compliance: Limit HAP usage to 33.2 tons/year	
Total HAP usage will be reported monthly to ensure conformance with annual usage not greater than 33.2 tons/year	

Allowable Emissions Allowable Emissions __ of __

1. Basis for Allowable Emissions Code:	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units:	4. Equivalent Allowable Emissions: lb/hour tons/year
5. Method of Compliance:	
6. Allowable Emissions Comment (Description of Operating Method):	

G. VISIBLE EMISSIONS INFORMATION

Complete Subsection G if this emissions unit is or would be subject to a unit-specific visible emissions limitation.

Visible Emissions Limitation: Visible Emissions Limitation __ of ____

1. Visible Emissions Subtype:	2. Basis for Allowable Opacity: ☐ Rule ☐ Other
3. Allowable Opacity: Normal Conditions: % Exceptional Conditions: % Maximum Period of Excess Opacity Allowed: min/hour	
4. Method of Compliance:	
5. Visible Emissions Comment: This facility does not generate visible emissions. The only particulate generating activity is hand sanding and grinding boat components. This work is performed indoors in a well ventilated area and does not emit significant particulate matter.	

Visible Emissions Limitation: Visible Emissions Limitation __ of ____

1. Visible Emissions Subtype:	2. Basis for Allowable Opacity: ☐ Rule ☐ Other
3. Allowable Opacity: Normal Conditions: % Exceptional Conditions: % Maximum Period of Excess Opacity Allowed: min/hour	
4. Method of Compliance:	
5. Visible Emissions Comment:	

B. EMISSIONS CAPS

Facility-Wide or Multi-Unit Emissions Caps

1. Pollutant Subject to Emissions Cap	2. Facility-Wide Cap [Y or N]? (all units)	3. Emissions Unit ID's Under Cap (if not all units)	4. Hourly Cap (lb/hr)	5. Annual Cap (ton/yr)	6. Basis for Emissions Cap
Styrene	Y	.001	6.48	28.4	Rule
Total HAPs	Y	.001	7.35	32.2	Rule

7. Facility-Wide or Multi-Unit Emissions Cap Comment:

C. FACILITY ADDITIONAL INFORMATION

Additional Requirements for All Applications, Except as Otherwise Stated

1.	Facility Plot Plan: (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought) ☐ Attached, Document ID:_____ ☒ Previously Submitted, Date:10/23/03
2.	Process Flow Diagram(s): (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought) ☐ Attached, Document ID:_____ ☒ Previously Submitted, Date: 10/23/03
3.	Precautions to Prevent Emissions of Unconfined Particulate Matter: (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought) ☐ Attached, Document ID:_____ ☒ Previously Submitted, Date: 10/23/03

Additional Requirements for Air Construction Permit Applications

1.	Area Map Showing Facility Location: ☐ Attached, Document ID:_____ ☒ Not Applicable (existing permitted facility)
2.	Description of Proposed Construction, Modification, or Plantwide Applicability Limit (PAL): ☐ Attached, Document ID:_____
3.	Rule Applicability Analysis: ☐ Attached, Document ID:_____
4.	List of Exempt Emissions Units: ☐ Attached, Document ID:_____ ☒ Not Applicable (no exempt units at facility)
5.	Fugitive Emissions Identification: ☒ Attached, Document ID:_____ ☐ Not Applicable
6.	Air Quality Analysis (Rule 62-212.400(7), F.A.C.): ☐ Attached, Document ID:_____ ☒ Not Applicable
7.	Source Impact Analysis (Rule 62-212.400(5), F.A.C.): ☐ Attached, Document ID:_____ ☒ Not Applicable
8.	Air Quality Impact since 1977 (Rule 62-212.400(4)(e), F.A.C.): ☐ Attached, Document ID:_____ ☒ Not Applicable
9.	Additional Impact Analyses (Rules 62-212.400(8) and 62-212.500(4)(e), F.A.C.): ☐ Attached, Document ID:_____ ☒ Not Applicable
10.	Alternative Analysis Requirement (Rule 62-212.500(4)(g), F.A.C.): ☐ Attached, Document ID:_____ ☒ Not Applicable

C. FACILITY ADDITIONAL INFORMATION (CONTINUED)

Additional Requirements for FESOP Applications

1. List of Exempt Emissions Units:
   ☐ Attached, Document ID:_____ ☒ Not Applicable (no exempt units at facility)

Additional Requirements for Title V Air Operation Permit Applications

1. List of Insignificant Activities: (Required for initial/renewal applications only)
   ☒ Attached, Document ID:_____ ☐ Not Applicable (revision application)

2. Identification of Applicable Requirements: (Required for initial/renewal applications, and for revision applications if this information would be changed as a result of the revision being sought)
   ☐ Attached, Document ID:_____
   ☒ Not Applicable (revision application with no change in applicable requirements)

3. Compliance Report and Plan: (Required for all initial/revision/renewal applications)
   ☒ Attached, Document ID:_____
   Note: A compliance plan must be submitted for each emissions unit that is not in compliance with all applicable requirements at the time of application and/or at any time during application processing. The department must be notified of any changes in compliance status during application processing.

4. List of Equipment/Activities Regulated under Title VI: (If applicable, required for initial/renewal applications only)
   ☐ Attached, Document ID:_____
   ☐ Equipment/Activities Onsite but Not Required to be Individually Listed
   ☒ Not Applicable

5. Verification of Risk Management Plan Submission to EPA: (If applicable, required for initial/renewal applications only)
   ☐ Attached, Document ID:_____ ☒ Not Applicable

6. Requested Changes to Current Title V Air Operation Permit:
   ☐ Attached, Document ID:_____ ☒ Not Applicable

C. FACILITY ADDITIONAL INFORMATION (CONTINUED)

Additional Requirements for Facilities Subject to Acid Rain, CAIR, or Hg Budget Program

1. Acid Rain Program Forms:

   Acid Rain Part Application (DEP Form No. 62-210.900(1)(a)):
   ☐ Attached, Document ID:_____ ☐ Previously Submitted, Date:_____
   ☐ Not Applicable (not an Acid Rain source)

   Phase II NO_X Averaging Plan (DEP Form No. 62-210.900(1)(a)1.):
   ☐ Attached, Document ID:_____ ☐ Previously Submitted, Date:_____
   ☐ Not Applicable

   New Unit Exemption (DEP Form No. 62-210.900(1)(a)2.):
   ☐ Attached, Document ID:_____ ☐ Previously Submitted, Date:_____
   ☐ Not Applicable

2. CAIR Part (DEP Form No. 62-210.900(1)(b)):
   ☐ Attached, Document ID:_____ ☐ Previously Submitted, Date:_____
   ☐ Not Applicable (not a CAIR source)

Additional Requirements Comment

III. EMISSIONS UNIT INFORMATION

Title V Air Operation Permit Application - For Title V air operation permitting only, emissions units are classified as regulated, unregulated, or insignificant. If this is an application for an initial, revised or renewal Title V air operation permit, a separate Emissions Unit Information Section (including subsections A through I as required) must be completed for each regulated and unregulated emissions unit addressed in this application. Some of the subsections comprising the Emissions Unit Information Section of the form are optional for unregulated emissions units. Each such subsection is appropriately marked. Insignificant emissions units are required to be listed at Section II, Subsection C.

Air Construction Permit or FESOP Application - For air construction permitting or federally enforceable state air operation permitting, emissions units are classified as either subject to air permitting or exempt from air permitting. The concept of an "unregulated emissions unit" does not apply. If this is an application for an air construction permit or FESOP, a separate Emissions Unit Information Section (including subsections A through I as required) must be completed for each emissions unit subject to air permitting addressed in this application for air permit. Emissions units exempt from air permitting are required to be listed at Section II, Subsection C.

Air Construction Permit and Revised/Renewal Title V Air Operation Permit Application – Where this application is used to apply for both an air construction permit and a revised or renewal Title V air operation permit, each emissions unit is classified as either subject to air permitting or exempt from air permitting for air construction permitting purposes, and as regulated, unregulated, or insignificant for Title V air operation permitting purposes. A separate Emissions Unit Information Section (including subsections A through I as required) must be completed for each emissions unit addressed in this application that is subject to air construction permitting and for each such emissions unit that is a regulated or unregulated unit for purposes of Title V permitting. (An emissions unit may be exempt from air construction permitting but still be classified as an unregulated unit for Title V purposes.) Emissions units classified as insignificant for Title V purposes are required to be listed at Section II, Subsection C.

If submitting the application form in hard copy, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application must be indicated in the space provided at the top of each page.

A. GENERAL EMISSIONS UNIT INFORMATION

Title V Air Operation Permit Emissions Unit Classification

1. Regulated or Unregulated Emissions Unit? (Check one, if applying for an initial, revised or renewal Title V air operation permit. Skip this item if applying for an air construction permit or FESOP only.)

[X] The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.

[ ] The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

Emissions Unit Description and Status

1. Type of Emissions Unit Addressed in this Section: (Check one)

[X] This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).

[ ] This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.

[ ] This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

2. Description of Emissions Unit Addressed in this Section: Fiberglass boat building, resin and gel coat applications, miscellaneous solvents and related assembly and clean-up activities.

3. Emissions Unit Identification Number:

4. Emissions Unit Status Code:	5. Commence Construction Date:	6. Initial Startup Date:	7. Emissions Unit Major Group SIC Code:
A	March 2003	May 2003	37

8. Federal Program Applicability: (Check all that apply)

[ ] Acid Rain Unit

[ ] CAIR Unit

9. Package Unit:
Manufacturer: Model Number:

10. Generator Nameplate Rating: MW

11. Emissions Unit Comment:

Emissions Unit Control Equipment/Method: Control ___ of ___

1. Control Equipment/Method Description: NA
2. Control Device or Method Code:

Emissions Unit Control Equipment/Method: Control ___ of ___

1. Control Equipment/Method Description: NA
2. Control Device or Method Code:

Emissions Unit Control Equipment/Method: Control ___ of ___

1. Control Equipment/Method Description: NA
2. Control Device or Method Code:

Emissions Unit Control Equipment/Method: Control ___ of ___

1. Control Equipment/Method Description: NA
2. Control Device or Method Code:

B. EMISSIONS UNIT CAPACITY INFORMATION
(Optional for unregulated emissions units.)

Emissions Unit Operating Capacity and Schedule

1. Maximum Process or Throughput Rate:	
2. Maximum Production Rate:	
3. Maximum Heat Input Rate: million Btu/hr	
4. Maximum Incineration Rate: pounds/hr tons/day	
5. Requested Maximum Operating Schedule:	
24 hours/day	7 days/week
52 weeks/year	8760 hours/year
6. Operating Capacity/Schedule Comment:	

C. EMISSION POINT (STACK/VENT) INFORMATION

(Optional for unregulated emissions units.)

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram:	2. Emission Point Type Code: 4	
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking:		
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common:		
5. Discharge Type Code:	6. Stack Height: feet	7. Exit Diameter: feet
8. Exit Temperature: °F	9. Actual Volumetric Flow Rate: acfm	10. Water Vapor: %
11. Maximum Dry Standard Flow Rate: dscfm	12. Nonstack Emission Point Height: feet	
13. Emission Point UTM Coordinates... Zone: East (km): North (km):	14. Emission Point Latitude/Longitude… Latitude (DD/MM/SS) Longitude (DD/MM/SS)	
15. Emission Point Comment: Emissions are fugitive and without discrete emission points.		

D. SEGMENT (PROCESS/FUEL) INFORMATION

Segment Description and Rate: Segment __ of __

1. Segment Description (Process/Fuel Type): Transportation equipment manufacturing – boat manufacturing		
2. Source Classification Code (SCC): 31401504	3. SCC Units: Tons resins used	
4. Maximum Hourly Rate: .044	5. Maximum Annual Rate: 383	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur:	8. Maximum % Ash:	9. Million Btu per SCC Unit:
10. Segment Comment:		

Segment Description and Rate: Segment __ of __

1. Segment Description (Process/Fuel Type):		
2. Source Classification Code (SCC):	3. SCC Units:	
4. Maximum Hourly Rate:	5. Maximum Annual Rate:	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur:	8. Maximum % Ash:	9. Million Btu per SCC Unit:
10. Segment Comment:		

D. SEGMENT (PROCESS/FUEL) INFORMATION (CONTINUED)

Segment Description and Rate: Segment __ of __

1. Segment Description (Process/Fuel Type):		
2. Source Classification Code (SCC):	3. SCC Units:	
4. Maximum Hourly Rate:	5. Maximum Annual Rate:	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur:	8. Maximum % Ash:	9. Million Btu per SCC Unit:
10. Segment Comment:		

Segment Description and Rate: Segment __ of __

1. Segment Description (Process/Fuel Type):		
2. Source Classification Code (SCC):	3. SCC Units:	
4. Maximum Hourly Rate:	5. Maximum Annual Rate:	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur:	8. Maximum % Ash:	9. Million Btu per SCC Unit:
10. Segment Comment:		

E. EMISSIONS UNIT POLLUTANTS

List of Pollutants Emitted by Emissions Unit

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
Styrene			H163
Methyl methacrylate			H125
Methylene diphenyl diisocyanate (MDI)			H129
Benzene			H017
Aniline			H012
Ethyl benzene			H085
Methyl ethyl ketone			H120
o-Toluidine			H172
Toluene			H169
Xylenes			H186

F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION – POTENTIAL, FUGITIVE, AND ACTUAL EMISSIONS

(Optional for unregulated emissions units.)

Complete a Subsection F1 for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V operation permit. Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1. Pollutant Emitted: H163 Styrene	2. Total Percent Efficiency of Control:
3. Potential Emissions: 6.48 lb/hour 28.4 tons/year	4. Synthetically Limited? [X] Yes [ ] No
5. Range of Estimated Fugitive Emissions (as applicable): 3 25 to 100 tons/year	
6. Emission Factor: Reference: AP-42	7. Emissions Method Code: 3
8.a. Baseline Actual Emissions (if required): 21.5 tons/year	8.b. Baseline 24-month Period: From: Jan. 2011 To: Dec. 2012
9.a. Projected Actual Emissions (if required): tons/year	9.b. Projected Monitoring Period: [X] 5 years [ ] 10 years
10. Calculation of Emissions: See Attachment under Tab 4	
11. Potential, Fugitive, and Actual Emissions Comment: All emissions are fugitive emissions	

F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION - ALLOWABLE EMISSIONS

Complete Subsection F2 if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

Allowable Emissions Allowable Emissions __ of __

1. Basis for Allowable Emissions Code: Ambient H163 Styrene	2. Future Effective Date of Allowable Emissions: March 2013
3. Allowable Emissions and Units: 28.4	4. Equivalent Allowable Emissions: 6.48 lb/hour 28.4 tons/year
5. Method of Compliance: Limit resin usage to 383 tons/year	
6. Allowable Emissions Comment (Description of Operating Method): Resin usage will be reported monthly to ensure conformance with a twelve-month rolling total to equal no more than 383 tons/year	

Allowable Emissions Allowable Emissions __ of __

1. Basis for Allowable Emissions Code: Ambient HAPs (Total HAPs)	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units: 33.2	4. Equivalent Allowable Emissions: 7.58 lb/hour 33.2 tons/year
5. Method of Compliance: Limit HAP usage to 33.2 tons/year	
Total HAP usage will be reported monthly to ensure conformance with annual usage not greater than 33.2 tons/year	

Allowable Emissions Allowable Emissions __ of __

1. Basis for Allowable Emissions Code:	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units:	4. Equivalent Allowable Emissions: lb/hour tons/year
5. Method of Compliance:	
6. Allowable Emissions Comment (Description of Operating Method):	

G. VISIBLE EMISSIONS INFORMATION

Complete Subsection G if this emissions unit is or would be subject to a unit-specific visible emissions limitation.

Visible Emissions Limitation: Visible Emissions Limitation __ of ___

1. Visible Emissions Subtype:	2. Basis for Allowable Opacity: ☐ Rule ☐ Other
3. Allowable Opacity: Normal Conditions: % Exceptional Conditions: % Maximum Period of Excess Opacity Allowed: min/hour	
4. Method of Compliance:	
5. Visible Emissions Comment: This facility does not generate visible emissions. The only particulate generating activity is hand sanding and grinding boat components. This work is performed indoors in a well ventilated area and does not emit significant particulate matter.	

Visible Emissions Limitation: Visible Emissions Limitation __ of ___

1. Visible Emissions Subtype:	2. Basis for Allowable Opacity: ☐ Rule ☐ Other
3. Allowable Opacity: Normal Conditions: % Exceptional Conditions: % Maximum Period of Excess Opacity Allowed: min/hour	
4. Method of Compliance:	
5. Visible Emissions Comment:	

Tab 1
Area Map

The enclosed attachment indicates the location of the Facility within the surrounding area.

Tab 2
Facility Plot Plan

The enclosed attachment is a Facility Plot Plan indicating the locations of buildings on the property.

Tab 3
Process Flow Diagram

The enclosed attachment is a flow diagram of the boat building process.

Tab 4
Calculations

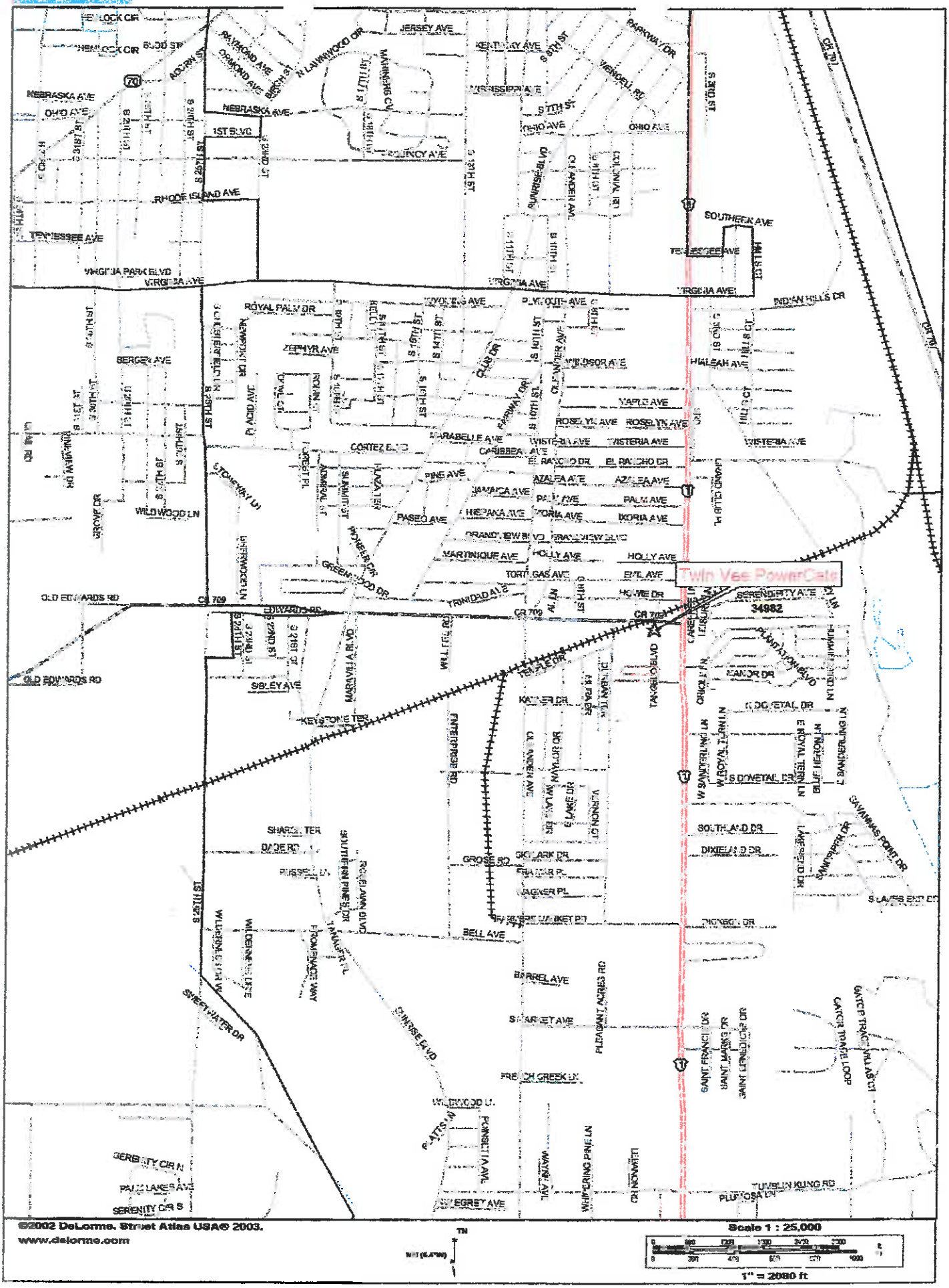
The enclosed attachment includes calculations used to determine allowable limits.

Tab 5
Insignificant Activities

The enclosed attachment is a list of facility activities that are believed to be insignificant with respect to environmental emissions.

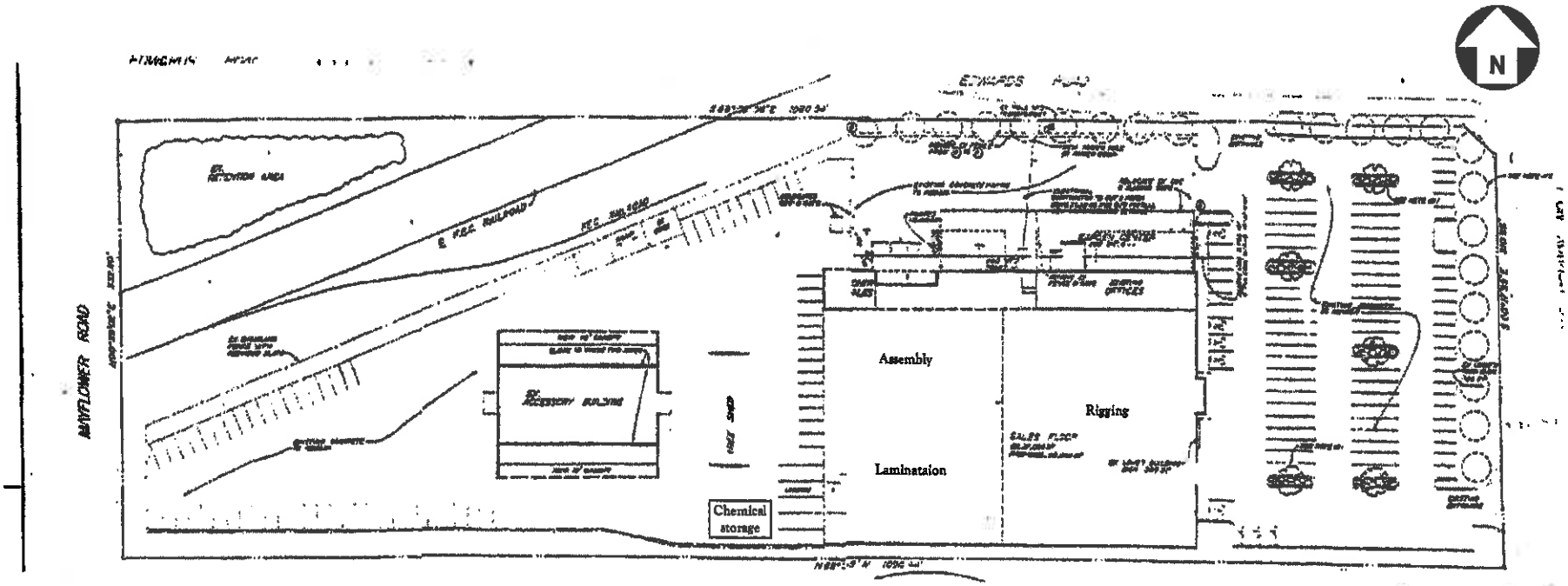
DeLorme

Street Atlas USA® 2003



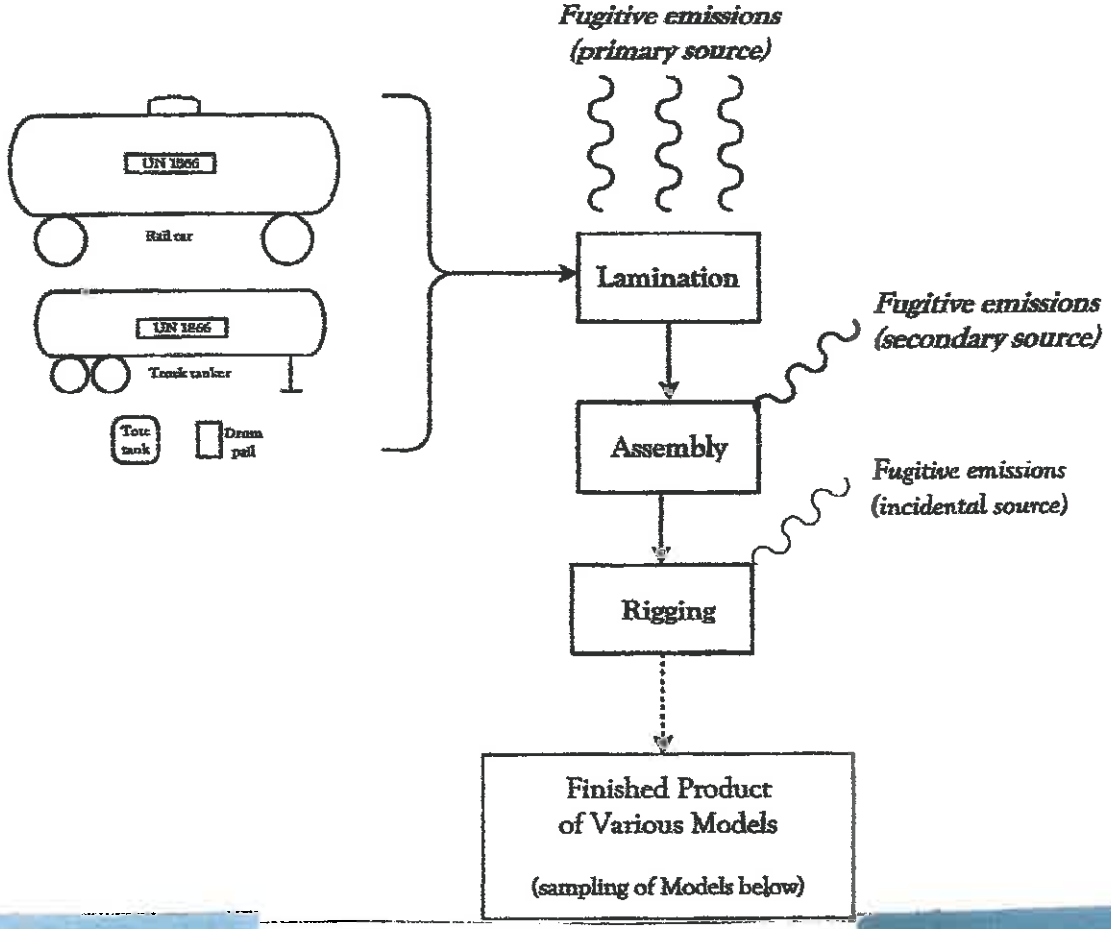
Scale 1 : 25,000

1" = 2080 ft


N
EDWARDS ROAD
MAYFLOWER ROAD
Assembly
Rigging
Laminataion
Chemical storage

Twin Vee,
3101 South Federal Highway
Ft. Pierce, Florida

Process Flow Diagram



Twin Vee Catamarans

Twin Vee - Report C - HAP/VOC Monthly Usage Summary (LBS.) - 2012

HAP-Chemical	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	YTD
Diphenylmethane-4,4'-diisocyanata (MDI)			209	209		209		209	419	209			1464
Methyl Methacrylate	294	286	574	286	720	429	286	715	1173	2980	132	66	7941
Methyl Ethyl Ketone	6		8	6	13	15	1	6	9	4	14	3	85
Styrene	3677	1206	4100	3943	5343	4446	1860	4265	5473	4378	2401	1997	43089
Dimethyl Phthalate	38		108	38		58	38	38	69	34			421
Xylene/O-Xylene			0.2						0.03		10.0		10.2
Isopropylbenzene Cumene											0.8		0.8
Methanol	38	10	37	38	48	39	18	35	39	19	19	19	359
Toluene	2		1					2	2		3		10
Vinyl Acetate Monomer									2				2
Total	**4055**	**1502**	**5037**	**4520**	**6124**	**5196**	**2203**	**5270**	**7186**	**7624**	**2580**	**2085**	**53382**

VOC-Chemical	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	YTD
Acetone	1447	713	1083	733	1793	727	713	1447	2170	1808	395	713	13742
2,2,4-Trimethyl-1,3-Pentanediol Diisobutyrate	130			74	111	93	0	93	93	93	56	74	817
1,2,4-Trimethylbenzene											3.2		3
1,3,5-Trimethylbenzene											0.8		0.8
Total	**1577**	**713**	**1083**	**807**	**1904**	**820**	**713**	**1540**	**2263**	**1901**	**455**	**787**	**14563**

Twin Vee - Report D - NESHAP Chemical Profile & Work Sheet Report-Mass Used thru Dec -2012 (01/12-12/12)

Resin		a	b	c	d	e	
MSDS Match #	Product Description	Mr(lb/yr)	Mr(MG/yr)	%HAP	PVr	(MrPVr)	Method Of Application
DR590821	Aropol Q67700 T-40	0	0.00	34	42.68	0.00	See (d) below
LSPC3723B3	LSPC-3723	0	0.00	32	37.18	0.00	See (d) below
LHSPC3226B3	LHPC-3226	0	0.00	35	45.59	0.00	See (d) below
2000-OS-LS	Spraycore	3770	1.97	35	45.59	89.82	See (d) below
103109-18-29	PDR 9000 FAST	9900	4.49	20	12.76	57.31	See (d) below
Polyester	H834-RAA-40 - RS-733-8495	89981	40.81	34	42.68	1741.84	See (d) below
RS-901-D	Swancor 901	880	0.40	49	98.02	39.21	See (d) below
537983	040-8094 Optiplus	960	0.44	37	51.74	22.76	See (d) below
589117	LPT-68000	970	0.44	45	80.76	35.53	See (d) below
RS-732-129	Teraphthalic	4862	2.21	37	52.37	115.75	See (d) below
		111323	**50.76**			**2102.22**	
	(d) PVr calculated from Table 3, nonatomized application						

Gelcoat							
MSDS Match #	Product Description	Mpg (lb/yr)	Mpg(MG/yr)	%HAP	PVpg	(MpgPVpg)	Method Of Application
944WH380	944WH380	0	0.00	31	140.08	0.00	See (c) below
G370MB81358	White G370MB81358	0	0.00	28	118.13	0.00	See (c) below
C510281358	White Int Fill XC510281358	0	0.00	13	32.67	0.00	See (c) below
G141LE81358	Wht Int G141LE81358	0	0.00	29	125.28	0.00	See (c) below
PL661280	YG-PL357	0	0.00	30	132.60	0.00	See (c) below
PL661280	White MaxWG-LE-2831	0	0.00	30	132.60	0.00	See (c) below
DR755670	MAX YG-33LE-1819 Yel GC	0	0.00	30	132.60	0.00	See (c) below
7827/LHM-2900	White GC w/Wax-no/Wax	22032	10.24	26	104.34	1068.42	See (c) below
99M-WH-501	Oyster White	0	0.00	31	137.90	0.00	See (c) below
998-WH-501	Oyster White Enamel	0	0.00	30	132.60	0.00	See (c) below
LMW-9507	Whisper Grey	82	0.04	27	111.15	4.45	See (c) below
	Total	**22114**	**10.28**			**1072.86**	

Tooling Gelcoat							
MSDS Match #	Product Description						Method Of Application
945YAA058	Org Tool Gel YA-058	360	0.16	42	232.97	37.28	See (c) below
5783R90015	Hi-Hide Red Tooling Gel	0	0.00	45	261.51	0.00	See (c) below
	Total	**360**	**0.16**			**37.23**	
	(c) PVpg calculated from Table 3, gelcoat, includes styrene and MMA						

Twin Vee - Report D1 - NESHAP Title V Calculations thru Dec 2012 (01/12-12/12)

			lb	tons	mg
HAP Limit, kg =	Total HAP emitted through open molding operations				
Mr,Mg =	Mass of production resin used in past 12 months =		106119	53.06	48.13
Mpg,Mg =	Mass of pigmented gelcoat used in past 12 months =		21564	10.78	9.78
MCg,Mg =	Mass of clear gelcoat used in past 12 months =		0	0.00	0.00
Mtr,Mg =	Mass of tooling resin used in past 12 months =		0	0.00	0.00
Mtg,Mg =	Mass of tooling gelcoat used in past 12 months =		360	0.18	0.16
	HAP Limit = Formula A {46(Mr) + 159(Mpg) + 291(Mcg) + 54(Mtr) + 214(Mtg)} =				
	HAP Limit = Actuals 46x48.13+159x9.78+291x0+54x0+214x.16 =	3803.24	kg	8384.71 lbs	4.19 tons
HAP Emissions = {(PVr)(Mr) + (PVpg) + (PVcg)(Mcg) + (PVtr(Mtr) + (PVtg(Mtg) =}		kg		lbs	tons
	HAP Emissions = Actuals 2102.22+1072.86+37.28 =	3212.36	kg	7082.04	3.54

Twin Vee Catamarans, Inc.
Emissions - Report E - 12 Month Rolling Average
Dec-12

Twin Vee Catamarans, Inc
Title V Air Operation Permit Issued November, 2009
Title V Air Operation Permit Renewal Due Date - June 4, 2008
Title V Air Permit Nos. 1110111-001-AC: Issued September 29, 2008

Lamination		Permit Emissions									MACT PV	
Units		tons									kilograms	
Summary		Styrene			Total HAPs			VOC			HAPs	
		Monthly	12-month total		Monthly	12-month total		Monthly	12-month total			
			Actual	Limit		Actual	Limit		Actual	Limit	Emission	Limit
2011	Jan			28.4			33.2			NA		
	Feb											
	Mar											
	Apr											
	May											
	Jun											
	Jul											
	Aug											
	Sep											
	Oct											
	Nov											
	Dec											
2012	Jan	1.84	0.153	28.4	2.03	0.169	33.2	0.79	0.066	NA	1084.73	2670.09
	Feb	0.60	0.203		0.75	0.232		0.36	0.096		1079.50	2617.51
	Mar	2.05	0.374		2.52	0.442		0.54	0.141		1830.74	2712.81
	Apr	1.97	0.538		2.26	0.630		0.40	0.174		1920.29	2660.37
	May	2.67	0.761		3.06	0.885		0.95	0.253		1970.52	2828.72
	Jun	2.22	0.946		2.60	1.102		0.41	0.288		2334.12	3057.74
	Jul	0.93	1.023		1.10	1.193		0.36	0.318		1735.39	3082.96
	Aug	2.13	1.201		2.64	1.413		0.77	0.382		2682.68	3390.72
	Sep	2.74	1.429		3.59	1.713		1.13	0.476		2932.15	3890.04
	Oct	2.19	1.612		3.81	2.030		0.95	0.555		3346.94	4111.07
	Nov	1.20	1.712		1.29	2.138		0.22	0.573		3973.45	3196.87
	Dec	1.00	1.795		1.04	2.224		0.39	0.606		3803.24	3212.36

Twin Vee - Report A - Monthly Usage Report- 2012

Product Description	Mat Code	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	YTD
Resin														
Spraycore	2000-OS-LS		290	290	580	580	870		580	290	290			3770
PDR 9000 FAST	PDR 9000 FAST	450		1350	900	1350	1800		1800		900	900	450	9900
Polyester (RS-733-597)	H-834-RAA-40	9600	2400	9185	9600	12000	9830	4597	8747	9738	4757	4773	4754	89981
Swancor 901	RS-901-D									880				880
040-8094 Optiplus	537983									960				960
LPT-68000	589117										970			970
Teraphthalic	RS-732-129										4862			4862
Total		**10050**	**2690**	**10625**	**11080**	**13930**	**12500**	**4597**	**11127**	**11868**	**11779**	**5673**	**5204**	**111323**
Gel Coat														
White w/Wax-no/Wax	7827-LHM-2900	1132	1100	2200	1100	2750	1650	1100	2750	4400	1100	2200	1100	22582
White	944WH380													0
Oyster White	99M-WH-501													0
Oyster White Enamel	998-WH-501													0
Whisper Grey	LMW-9507			50					16	16				82
Total		**1132**	**1100**	**2250**	**1100**	**2750**	**1650**	**1100**	**2766**	**4416**	**1100**	**2200**	**1100**	**22664**
Tooling Gel														
HI-Hide Red Tooling Gel	5783R90015													0
Orange Tooling Gel	945-YA-058					90				270				360
Total		**0**	**0**	**0**	**0**	**90**				**270**				**360**
Catalyst														
Luperox DDM-9 Clear	301246	64		64	64		96	64	64	96	56	32	32	632
Hi Point 90 Red	205615			192						32				224
MEKP 9 Clear	24267										32			32
Luperox DDM-9 Red	301249	224			128	192	160		160	160	128	64	96	1312
Total		**288**	**0**	**256**	**192**	**192**	**256**	**64**	**224**	**288**	**216**	**96**	**128**	**2200**
Adhesive														
Putty-2012	611503	96				16		32						144
Marine Stackable Putty	235027-260/232													0
Total		**96**	**0**	**0**	**0**	**16**	**0**	**32**	**0**	**0**				**144**
Filler														
FOM P1001U-A	72286			551	551		551		551	1102	460			3766
FOM P15390R-B	87497			460	460		460		460	920	551	460	460	4231
Total		**0**	**0**	**1011**	**1011**	**0**	**1011**	**0**	**1011**	**2022**	**1011**	**460**	**460**	**7997**
Solvent														
Chemlease 15 Sealer	50582G											16		16
Webbing Solution	215723	48		16	48		32		48	48		80		320
Clear Hi-Gloss Additive	51609			32		64	64			16		64		240
Acetone	564729	1448	714	1071	714	1795	714	714	1428	2152	1810	362	714	13630
Total		**1496**	**714**	**1119**	**762**	**1859**	**810**	**714**	**1476**	**2216**	**1810**	**522**	**714**	**14212**

Twin Vee - Report A1 - Monthly Usage Report-2012 Jan-Jun by WT-Product

Product	Mat Code	Wt %	Jan-12	Jan-WT	Feb-12	Feb-WT	Mar-12	Mar-WT	Apr-12	Apr-WT	May-12	May-WT	Jun-12	Jun-WT
Resin (HAP)														
Polyester-sty	RS-733-8495	23.5%												
Polyester-mm	RS-733-8495	4.5%												
PDR 9000 FAST-sty	103109-18-29	20%	450	90			1350	270	900	180	1350	270	1800	360
H834-RAA-40-sty	H-834-RAA-40	35%			2400	840	9185	3215	9600	3360	12000	4200	9830	3441
Spraycore-sty	SC-2000-OS-LS	35%	9600	3360	290	102	290	102	580	203	580	203	870	305
Gel Coat (HAP)														
White w/Wax-no/Wax-sty	7827-LHM-2900	26%	1132	294	1100	286	2200	572	1100	286	2750	715	1650	429
White w/Wax-no/Wax-mm	7827-LHM-2900	6%	1132	68	1100	66			1100	66	2750	165	1650	99
Whisper Grey-sty	LMW-9507	27%					50	14						
Whisper Grey-mm	LMW-9507	3%					50	2						
Lite White GC-sty	LHM-2900	27%												
Lite White GC-mm	LHM-2900	3%												
Tooling Gel (HAP)														
Hi-Hide Red Tooling Gel-sty	5783R90015	45%												
Hi-Hide Red Tooling Gel-mm	5783R90015	6%												
Polycor L/F Orange Tooling-sty	945YAA058	42%									90	38		
Polycor L/F Orange Tooling-mm	945YAA058	5%									90	5		
Catalyst (HAP)														
Hi Point 90-Clear-mek	501001	1%	64	1			64	1	64	0.6			96	1
Hi Point 90-Clear-dim	501001	36%	64	23			64	23	64	23			96	35
Hi Point 90 Redout-MEK-mek	501001	36%					192	69						
Hi Point 90 Redout-MEK-dim	501001	1%					192	2						
Hi Point 90 Redout-MEK-xyl	501001	0.1%					192	0.2						
Luperox DDM-9 -mek	24267	2%												
Luperox DDM-9 Red-mek	22367	2%	224	4					128	3	192	4	160	3
Adhesive (HAP)														
Putty-2012-sty	611503	20%	96	19							16	3		
Filler (HAP)														
FOM P1001UA-dip	72286	38%					551	209	551	209			551	209
Solvent (HAP)														
Surfacing Agent-sty		100%												
Webbing Solution-mek		3.47%	48	2			16	0.6	48	2			32	1
Webbing Solution-tol		40.35%	48	19			16	6	48	19			32	13
Clear Hi-Gloss Additive 904-sty	51609	34%					32	11			64	22	64	22
Clear Hi-Gloss Additive 904-mm	51609	14%					32	4			64	9	64	9

Twin Vee - Report A1 - Monthly Usage Report-Jul-Dec 2012 by WT-Product

Product	Mat Code	Wt %	Jul-12	Jul-WT	Aug-12	Aug-WT	Sep-12	Sep-WT	Oct-12	Oct-WT	Nov-12	Nov-WT	Dec-12	Dec-WT
Resin (HAP)														
Polyester-sty	RS-733-597	23.5%	4597	1080	8747	2056	9738	2288	4757	1118	4773	1122	4754	1117
Polyester-mm	RS-733-597	4.5%	4597	207	8747	394	9738	438	4757	214			4754	214
PDR 9000 FAST-sty	103109-18-29	20%			1800	360			900	180	900	180	450	90
H834-RAA-40-sty	H-834-RAA-40	35%												
Spraycore-sty	SC-2000-OS-LS	35%			580	203	290	102	290	102				
Swancor 901-sty	RS-901-D	49%					880	431						
040-8094 Optiplus-sty	537983	36.67%					960	352						
040-8094 Optiplus-mm	537983	1.54%					960	15						
040-8094 Optiplus-vam	537983	0.22%					960	2						
Teraphthalic-sty	RS-732-129	45%							4862	2188				
Teraphthalic-mm	RS-732-129	55%							4862	2674				
LPT-68000-sty	589117	37.2%							970	361				
LPT-68000-mm	589117	2.0%							970	19				
Gel Coat (HAP)														
White w/Wax-no/Wax-sty	7827-LHM-2900	26%	1100	286	2750	715	4400	1144	1100	286	2200	572	1100	286
White w/Wax-no/Wax-mm	7827-LHM-2900	6%	1100	66	2750	165	4400	264	1100	66	2200	132	1100	66
Whisper Grey-sty	LMW-9507	27%			16	4	16	4						
Whisper Grey-mm	LMW-9507	3%			16	0.5	16	0.5						
Lite White GC-sty	LHM-2900	27%												
Lite White GC-mm	LHM-2900	3%												
Tooling Gel (HAP)														
Hi-Hide Red Tooling Gel-sty	5783R90015	45%												
Hi-Hide Red Tooling Gel-mm	5783R90015	6%												
Polycor L/F Orange Tooling-sty	945YAA058	42%					270	113						
Polycor L/F Orange Tooling-mm	945YAA058	5%					270	14						
Catalyst (HAP)														
MRKP 9 Clear-dim	301246	36%	64	23	64	23	96	35	56	20	32	12	32	12
MRKP 9 Clear-mek	301246	1%	64	1	64	1	96	1	56	1	32	0.3	32	0.32
HI Point 90 Red-mek	205615	1%					32	0.3						
Hi Point 90 Red-dim	205615	36%					32	12						
Hi Point 90 Red-xyl	205615	0.1%					32	0.03						
Luperox DDM-9 -mek	24267	2%							32	1				
Norox MEKP Red-mek	301249	2%			160	3.2	160	3	128	3	64	1	96	2
Adhesive (HAP)														
Putty-2012-sty	611503	20%	32	6										
Filler (HAP)														
FOM P1001UA-dip	72286	38%			551	209	1102	418.76	460	175				
Solvent (HAP)														
Chemlease 15 Sealer-ox	50582G	50%									16	8		
Chemlease 15 Sealer-cu	50582G	5%									16	1		
Webbing Solution-mek	215723	3.47%			48	2	48	1.67			80	3		
Webbing Solution-tol	215723	40.35%			48	19	48	19.37			80	32		
Clear Hi-Gloss Additive 904-sty	51609	34%					16	5.44			64	22		
Clear Hi-Gloss Additive 904-mm	51609	14%					16	2.24			64	9		

Twin Vee - Report A2 - Monthly Usage Report-2012 Jan-Jun by WT-Chemical

Product Description	Mat Code	CAS-No.	Wt %	Jan-12	Jan-WT	Feb-12	Feb-WT	Mar-12	Mar-WT	Apr-12	Apr-WT	May-12	May-WT	Jun-12	Jun-WT
Styrene															
Surf Agent	CAN734991	100-42-5	90%												
EZ Bond Mid Wt	DR703131	100-42-5	25%												
Gel Coat G370MB81358	G370MB81358	100-42-5	28%												
MaxWG-LE-2831 White	DR166569	100-42-5	30%												
Gel Coat XC510281358	XC510281358	100-42-5	13%												
Aropol Q67700 T-40 Resin	DR590821	100-42-5	34%												
Polycor L/F Orange Tooling	945YAA058	100-42-5	42%									90	38		
Stypol LSPC-3723	LSPC3723B3	100-42-5	32%												
Stypol LHPC-3226	LHSPC3226B3	100-42-5	35%												
MaxYG-LEI-R1003A	PL661280	100-42-5	30%												
Gel Coat 944WH380	944WH380	100-42-5	31%												
Gel Coat G141LE81358	G141LE81358	100-42-5	29%												
Putty-2012	2012	100-42-5	20%	96	19							16	3		
Spraycore	SC-2000 OS	100-42-5	35%			290	102	290	102	580	203	580	203	870	305
White Gelcoat w/Wax-no/Wax	7827/LHM-2900	100-42-5	26%	1132	294	1100	286	2200	572	1100	286	2750	715	1650	429
H834-RAA-40	H834-RAA-40	100-42-5	34.1%	9600	3274	2400	818	9185	3132	9600	3274	12000	4092	9830	3352
PDR 9000 FAST	103109-18-29	100-42-5	20%	450	90			1350	270	900	180	1350	270	1800	360
Hi-Hide Red Tooling Gel	5783R90015	100-42-5	45%												
Whisper Grey	LMW-9507	100-42-5	27%					50	14						
Clear Hi-Gloss Additive 904	51609	100-42-5	34.0%					32	11			64	22		
Total Styrene					**3677**		**1206**		**4100**		**3943**		**5343**		**4446**
Talc															
MaxWG-LE-2831 White	DR166569	14807-96-6	10%												
MaxYG-LEI-R1003A	PL661280	14807-96-6	5%												
EZ Bond Mid Wt	DR703131	14807-96-6	15%												
Gel Coat 944WH380	944WH380	14807-96-6	5%												
Gel Coat G141LE81358	G141LE81358	14807-96-6	10%												
Microglass Flake															
EZ Bond Mid Wt	DR703131	65997-17-3	15%												
Silica															
EZ Bond Mid Wt	DR703131	14808-60-7	1%												
Silica															
1,1,1,3,3-Elastopor P15390R	DR87497	460-73-1	10%					460	32	460	46			460	46
Silica, Gel															
Gel Coat G141LE81358	G141LE81358	112926-00-8	5%												
Diphenylmethane															
-4,4'-diisocyanate (MDI)															
Elastopor P1001U Isocyanate	DR72286	101-68-8	38%					551	209	551	209			551	209
Total Diphenylmethane					**0**		**0**		**209**		**209**		**0**		**209**
P-MDI															
Elastopor P1001U Isocyanate	DR72286	9016-87-9	55%					551	303	551	303			551	303
Aluminum Hydroxide															
Gel Coat G370MB81358	G370MB81358	21645-51-2	20%												
Gel Coat G141LE81358	G141LE81358	21645-51-2	10%												
Titanium Dioxide															
Gel Coat G370MB81358	G370MB81358	13463-67-7	20%												
Gel Coat XC510281358	XC510281358	13463-67-7	20%												
Gel Coat 944WH380	944WH380	13463-67-7	20%												
Gel Coat G141LE81358	G141LE81358	13463-67-7	20%												
White Gelcoat w/Wax-no/Wax	7827/LHM-2900	13463-67-7	21%	1132	238	1100	231	2200	462	1100	231	2750	578	1650	347
PDR 9000 FAST	103109-18-29	13463-67-7	5%	450	23			1350	68	900	45	1350	68	1800	90

Twin Vee - Report A2 - Monthly Usage Report-2012 Jan-Jun by WT-Chemical

Product Description	Mat Code	CAS-No.	Wt %	Jan-12	Jan-WT	Feb-12	Feb-WT	Mar-12	Mar-WT	Apr-12	Apr-WT	May-12	May-WT	Jun-12	Jun-WT
Methyl ethyl ketone															
Hi Point 90 Clear	501001	78-93-3	2%					64	1	64	1			96	2
Luperox DDM-9	24267	78-93-3	2%												
Hi Point 90-MEK Peroxides	501001	78-93-3	1%												
Hi Point 90 Redout-MEK Peroxides	501001	78-93-3	1%												
Luperox DDM-30 Red	DDM-30 Red	78-93-3	2%												
Luperox DDM-9 Red	22367	78-93-3	2%	224	4					128	3	192	4	160	3
Hi Point 90 Redout		78-93-3	1%					192	2						
Webbing Solution		78-93-3	3.47%	48	2			16	1	48	2			32	1
Hi Point 90		78-93-3	1%												
Clear Hi-Gloss Additive 904	51609	78-93-3	14%					32	4			64	9	64	9
Total-Methyl ethyl ketone					**6**		**0**		**8**		**6**		**13**		**15**
Hydrogen Peroxide															
Hi Point 90 Clear	501001	7722-84-1	1%												
Luperox DDM-9 Red	22367	7722-84-1	1%	224	2			64	1	128	1	192	2	160	2
Luperox DDM-9	24267	7722-84-1	1%												
Hi Point 90-MEK Peroxides	501001	7722-84-1	2%												
Hi Point 90 Redout-MEK Peroxides	501001	7722-84-1	2%					192	4						
Luperox DDM-30 Red	DDM-30 Red	7722-84-1	1%												
Luperox DDM-9 DR	DDM9 DR	7722-84-1	1%												
Norox MEKP-9H Clear	501001	7722-84-1	1%	64	1					64	1			96	1
Cobalt Neodecanoate															
Stypol LSPC-3723	LSPC3723B3	027253-31-2	0.04%												
Stypol LHPC-3226	LHSPC3226B3	027253-31-2	0.05%												
Dimethyl Phthalate															
Hi Point 90 Clear	501001	131-11-3	60%					64	38						
Hi Point 90-MEK Peroxides	501001	131-11-3	36%												
Hi Point 90 Redout-MEK Peroxides	501001	131-11-3	36%					192	69						
Norox MEKP-9H Clear	501001	131-11-3	60%	64	38					64	38			96	58
Total-Dimethyl Phthalate					**38**		**0**		**108**		**38**		**0**		**58**
C.I. Solvent Red 164															
Hi Point 90 Redout		70879-65-1	0.1%					192	0.2						
Xylene															
Hi Point 90 Redout		1330-20-7	0.1%					192	0.2						
Total Xylene					**0**		**0**		**0.2**						
a-Methylstyrene															
Polyester Resin	733849528	98-83-9	5%												
Toluene (Toluol)															
Webbing Solution		108-88-3	4.35%	48	2			16	0.7	48	2			32	1
Total Toluene					**2**		**0**		**1**						
Isopropanol															
Webbing Solution		67-63-0	0.74%	48	0.4			16	0.1	48	0.4			32	0.2
Titania															
White Gelcoat w/Wax-no/Wax	7827/LHM-2900	13463-67-7	21%	1132	238	1100	231	2200	462	1100	231	2750	578	1650	347
Whisper Grey	LMW-9507	13463-67-1	11%					50	6						
Magnesium Silicate															
White Gelcoat w/Wax-no/Wax	7827/LHM-2900	14807-96-6	20%	1132	226	1100	220	2200	440	1100	220	2750	550	1650	330
Whisper Grey	LMW-9507	14807-96-6	18%												
Acrylic Polymer															
White Gelcoat w/Wax-no/Wax	7827/LHM-2900	15625-89-5	9%	1132	102	1100	99	2200	198	1100	99	2750	248	1650	149
Whisper Grey	LMW-9507	15625-89-5	8%					50	4						
1,1,1,3,3-pentafluoropropane															
FOM P15390R 2# B	87497	460-73-1	10%					460	46	460	46			460	46

Twin Vee - Report A2 - Monthly Usage Report-2012 Jan-Jun by WT-Chemical

Product Description	Mat Code	CAS-No.	Wt %	Jan-12	Jan-WT	Feb-12	Feb-WT	Mar-12	Mar-WT	Apr-12	Apr-WT	May-12	May-WT	Jun-12	Jun-WT
Silica, Amorphous															
Gel Coat G370MB81358	G370MB81358	7631-86-9	5%												
MaxWG-LE-2831 White	DR166569	7631-86-9	5%												
Gel Coat XC510281358	XC510281358	7631-86-9	5%												
MaxYG-LEI-R1003A	PL661280	7631-86-9	5%												
Gel Coat G141LE81358	G141LE81358	7631-86-9	5%												
H834-RAA-40	H834-RAA-40	7631-86-9	5%	9600	480	2400	120	9185	459	9600	480	12000	600	9830	492
Methyl Methacrylate															
Gel Coat G370MB81358	G370MB81358	80-62-6	5%												
MaxWG-LE-2831White	DR166569	80-62-6	5%												
Gel Coat XC510281358	XC510281358	80-62-6	8%												
Polycor Orange Tooling	945YAA058	80-62-6	5%									90	5		
MaxYG-LEI-R1003A	PL661280	80-62-6	5%												
Gel Coat 944WH380	944WH380	80-62-6	5%												
YEL MAXYG-33LE-1819	DR755670	80-62-6	5%												
Gel Coat 944WH380	944WH380	80-62-6	5%												
White Gelcoat w/Wax-no/Wax	7827/LHM-2900	100-42-5	26%	1132	294	1100	286	2200	572	1100	286	2750	715	1650	429
Polyster Resin	RS-733-8495	80-62-6	4.5%												
Hi-Hide Red Tooling Gel	5783R90015	80-62-6	5%												
Whisper Grey	LMW-9507	80-62-6	3%					50	2						
Total-Methyl Methacrylate					**294**		**286**		**574**		**286**		**720**		**429**
Methanol															
Gel Coat G370MB81358	G370MB81358	67-56-1	0.1%												
Gel Coat XC510281358	XC510281358	67-56-1	0.2%												
H834-RAA-40	H834-RAA-40	67-56-1	0.4%	9600	38	2400	10	9185	37	9600	38	12000	48	9830	39
Methanol-Total					**38**		**10**		**37**		**38**		**48**		**39**
Silica, Colloidal															
MaxWG-LE-2831White	DR166569	112945-52-5	1%												
Cobalt2-ethylhexanoate															
MaxWG-LE-2831White	DR166569	136-52-7	50%												
Aropol Q67700 T-40 Resin	DR590821	136-52-7	8%												
Stypol LSPC-3723	LSPC3723B3	136-52-7	0.18%												
Stypol LHPC-3226	LHSPC3226B3	136-52-7	0.18%												
MaxYG-LEI-R1003A	PL661280	136-52-7	50%												
Limestone															
Gel Coat XC510281358	XC510281358	1317-65-3	30%												
Crystalline Silica															
Gel Coat XC510281358	XC510281358	14808-60-7	1%												
Spraycore	SC-2000 OS	14808-60-7	2%			290	6	290	6	580	12	580	12	1800	36
Methyl ethyl ketone															
Peroxide															
Hi Point 90 Clear	501001	1338-23-4	35%					64	22	64	22			96	34
Luperox DDM-9	24267	1338-23-4	34%												
Luperox DDM-9 Red	22367	1338-23-4	34%	224	76					128	44	192	65	160	54
Hi Point 90 Redout		1338-23-4	40%					192	77						
2,2,4-Trimethyl-1,3- (VOC)															
Pentanediol Diisobutyrate															
Luperox DDM-9	24267	6846-50-0	58%												
Luperox DDM-9 Red	22367	6846-50-0	58%	224	130					128	74	192	111	160	93
Total -2,2,4-Trimethyl-1,3-Pentanediol Diisobutyrate					**130**		**0**		**0**		**74**		**111**		**93**

Twin Vee - Report A2 - Monthly Usage Report-2012 Jan-Jun by WT-Chemical

Product Description	Mat Code	CAS-No.	Wt %	Jan-12	Jan-WT	Feb-12	Feb-WT	Mar-12	Mar-WT	Apr-12	Apr-WT	May-12	May-WT	Jun-12	Jun-WT
Benzoyl Peroxide															
Marine Stackable Putty	235027-260	94-36-0	0.4%												
Calcium Sulfate															
PDR 9000 FAST	103109-18-29	10101-41-1	23%	450	104			1350	311	900	207	1350	68	1800	414
Precipitated Silica															
PDR 9000 FAST	103109-18-29	10101-41-1	5%	450	23			1350	68	900	45	1350	27	1800	90
Amorphous Fumed Silica															
PDR 9000 FAST	103109-18-29	10101-41-1	5%	450	23			1350	68	580	29	1350	81	1800	90
Quartz															
Spraycore	SC-2000 OS	14808-60-7	2%			290	6	290	6	580	12	580	35	870	17
Vinyl Toluene															
Spraycore	SC-2000 OS	25013-15-4	6%			290	17	290	17	580	35	580	35	870	52
Silicon Dioxide															
Whisper Grey	LMW-9507	112945-52-5	6%					50	3						
Hexylene Glycol															
Luperox DDM-9 Red	22367	107-41-5	6%							128	8	192	12	160	10
Acetone (VOC)	DR85456	67-64-1	99.9%	1448	1447	714	713	1071	1070	714	713	1795	1793	714	713
Clear Webbing Solution		67-64-1	42%					32	13	48	20			32	13
Total Acetone					**1447**		**713**		**1083**		**733**		**1793**		**727**

Twin Vee - Report A2 - Monthly Usage Report-Jul-Dec 2012 by WT-Chemical

Product Description	Mat Code	CAS-No.	Wt %	Jul-12	Jul-WT	Aug-12	Aug-WT	Sep-12	Sep-WT	Oct-12	Oct-WT	Nov-12	Nov-WT	Dec-12	Dec-WT
Styrene															
Surf Agent	CAN734991	100-42-5	90%												
EZ Bond Mid Wt	DR703131	100-42-5	25%												
Gel Coat G370MB81358	G370MB81358	100-42-5	28%												
MaxWG-LE-2831 White	DR166569	100-42-5	30%												
Gel Coat XC510281358	XC510281358	100-42-5	13%												
Aropol Q67700 T-40 Resin	DR590821	100-42-5	34%												
Polycor L/F Orange Tooling	945YAA058	100-42-5	42%					270	113						
Stypol LSPC-3723	LSPC3723B3	100-42-5	32%												
Stypol LHPC-3226	LHSPC3226B3	100-42-5	35%												
MaxYG-LEI-R1003A	PL661280	100-42-5	30%												
Gel Coat 944WH380	944WH380	100-42-5	31%												
Gel Coat G141LE81358	G141LE81358	100-42-5	29%												
Putty-2012	2012	100-42-5	20%	32	6										
Spraycore	SC-2000 OS	100-42-5	35%			580	203	290	102	290	102				
White Gelcoat w/Wax-no/Wax	7827/LHM-2900	100-42-5	26%	1100	286	2750	715	4400	1144	1100	286	2200	572	1100	286
Polyester (RS-733-8495)	H834-RAA-40	100-42-5	34.1%	4597	1568	8747	2983	9738	3321	4757	1622	4773	1628	4754	1621
PDR 9000 FAST	103109-18-29	100-42-5	20%			1800	360			900	180	900	180	450	90
Hi-Hide Red Tooling Gel	5783R90015	100-42-5	45%												
Whisper Grey	LMW-9507	100-42-5	27%			16	4	16	4						
Clear Hi-Gloss Additive 904	51609	100-42-5	34.0%					16	5			64	22		
Swancor 901	RS-901-D	100-42-5	49%					880	431						
040-8094 Optiplus	537983	100-42-5	36.7%					960	352						
LPT-68000	589117	100-42-5	37.2%					970	361						
Teraphthalic	RS-732-129	100-42-5	45%							4862	2188				
Total Styrene					**1860**		**4286**		**5833**		**4378**		**2401**		**1997**
Talc															
MaxWG-LE-2831 White	DR166569	14807-96-6	10%												
MaxYG-LEI-R1003A	PL661280	14807-96-6	5%												
EZ Bond Mid Wt	DR703131	14807-96-6	15%												
Gel Coat 944WH380	944WH380	14807-96-6	5%												
Gel Coat G141LE81358	G141LE81358	14807-96-6	10%												
Microglass Flake															
EZ Bond Mid Wt	DR703131	65997-17-3	15%												
Silica															
EZ Bond Mid Wt	DR703131	14808-60-7	1%												
Silica															
1,1,1,3,3-Elastopor P15390R	DR87497	460-73-1	10%												
Silica, Gel															
Gel Coat G141LE81358	G141LE81358	112926-00-8	5%												
Diphenylmethane															
-4,4'-diisocyanata (MDI)															
Elastopor P1001U Isocyanate	DR72286	101-68-8	38%			551	209	1102	419	551	209				
Total Diphenylmethane					**0**		**209**		**419**		**209**		**0**		
Aluminum Hydroxide															
Gel Coat G370MB81358	G370MB81358	21645-51-2	20%												
Gel Coat G141LE81358	G141LE81358	21645-51-2	10%												
Titanium Dioxide															
Gel Coat G370MB81358	G370MB81358	13463-67-7	20%												
Gel Coat XC510281358	XC510281358	13463-67-7	20%												
Gel Coat 944WH380	944WH380	13463-67-7	20%												
Gel Coat G141LE81358	G141LE81358	13463-67-7	20%												
White Gelcoat w/Wax-no/Wax	7827/LHM-2900	13463-67-7	21%	1100	231	2750	578			1100	231	2200	462	1100	231
PDR 9000 FAST	103109-18-29	13463-67-7	5%			1800	90			900	45	900	45	450	23

Twin Vee - Report A2 - Monthly Usage Report-Jul-Dec 2012 by WT-Chemical

Product Description	Mat Code	CAS-No.	Wt %	Jul-12	Jul-WT	Aug-12	Aug-WT	Sep-12	Sep-WT	Oct-12	Oct-WT	Nov-12	Nov-WT	Dec-12	Dec-WT
Methyl ethyl ketone															
MEKP 9 Clear	301246	78-93-3	2%	64	1	64	1	96	2	56	1	32	1	32	1
Luperox DDM-9	24267	78-93-3	2%							32	1				
Hi Point 90-MEK Peroxides	501001	78-93-3	1%												
Hi Point 90 Redout-MEK Peroxides	501001	78-93-3	1%												
Luperox DDM-30 Red	DDM-30 Red	78-93-3	2%												
Norox MEKP 9 Red	301249	78-93-3	2%			160	3	160	3	128	3	64	1	96	2
Hi Point 90 Redout		78-93-3	1%												
Webbing Solution		78-93-3	3.47%			48	2	48	1.7			80	3		
Hi Point 90 Red	205615	78-93-3	1%					32	0.3						
Clear Hi-Gloss Additive 904	51609	78-93-3	14%					16	2.2			64	9		
Total-Methyl ethyl ketone					**1**		**6**		**9**		**4**		**14**		**3**
Hydrogen Peroxide															
MEKP 9 Clear	301246	7722-84-1	1%	64	1	64	1	96	0.96	56	1	32	0.3	32	0.3
Norox MEKP 9 Red	301249	7722-84-1	1%			160	2	160	1.60	128	1	64	1	96	1.0
Luperox DDM-9	24267	7722-84-1	1%							32	0				
Hi Point 90-MEK Peroxides	501001	7722-84-1	2%					32	0.64						
Hi Point 90 Red	501001	7722-84-1	2%												
Luperox DDM-30 Red	DDM-30 Red	7722-84-1	1%												
Luperox DDM-9 DR	DDM9 DR	7722-84-1	1%												
Norox MEKP-9H Clear	501001	7722-84-1	1%												
Cobalt Neodecanoate															
Polycor L/F Orange Tooling	945YAA058	027253-31-2	0.04%					270	0.11						
040-8094 Optiplus	537983	027253-31-2	0.03%					960	0.29						
Dimethyl Phthalate															
MEKP 9 Clear	301246	131-11-3	60%	64	38	64	38	96	57.6	56	34				
Hi Point 90-MEK Peroxides	501001	131-11-3	36%												
Hi Point 90 Red	205615	131-11-3	36%					32	11.5						
Norox MEKP-9H Clear	501001	131-11-3	60%												
Total-Dimethyl Phthalate					**38**		**38**		**69**		**34**		**0**		**0**
C.I. Solvent Red 164															
Hi Point 90 Red	205615	70879-65-1	0.1%					32	0.03						
Xylene															
Chemlease PMR-15 Sealer	50582G	95-47-6**	60%									16	10		
Hi Point 90 Red	205615	1330-20-7**	0.1%					32	0.03						
Total Xylene	**Both CASs are correct				**0**		**0**		**0.03**				**10**		
α-Methylstyrene															
Polyester (RS-733-8495)	H834-RAA-40	98-83-9	5%	4597	230										
040-8094 Optiplus	537983	98-83-9	1%					960	9.60						
Toluene (Toluol)															
Webbing Solution		108-88-3	4.35%			48	2	48	2.1			80	3.5		
Total Toluene					**0**		**2**		**2**				**3**		
Isopropanol															
Webbing Solution		67-63-0	0.74%			48	0.4	48	0.4			80	0.6		
Titania															
White Gelcoat w/Wax-no/Wax	7827/LHM-2900	13463-67-7	21%			2750	578	4400	924						
Whisper Grey	LMW-9507	13463-67-1	11%			16	2	16	2						
Magnesium Silicate															
White Gelcoat w/Wax-no/Wax	7827/LHM-2900	14807-96-6	20%	1100	220	2750	550	4400	880	1100	220	2200	440	1100	220
Whisper Grey	LMW-9507	14807-96-6	18%			16	3	16	3						
Acrylic Polymer															
White Gelcoat w/Wax-no/Wax	7827/LHM-2900	15625-89-5	9%	1100	99	2750	248	4400	396	1100	99	2200	198	1100	99
Whisper Grey	LMW-9507	15625-89-5	8%			16	1	16	1						

Twin Vee - Report A2 - Monthly Usage Report-Jul-Dec 2012 by WT-Chemical

Product Description	Mat Code	CAS-No.	Wt %	Jul-12	Jul-WT	Aug-12	Aug-WT	Sep-12	Sep-WT	Oct-12	Oct-WT	Nov-12	Nov-WT	Dec-12	Dec-WT
Silica, Amorphous															
Gel Coat G370MB81358	G370MB81358	7631-86-9	5%												
MaxWG-LE-2831 White	DR166569	7631-86-9	5%												
Gel Coat XC510281358	XC510281358	7631-86-9	5%												
MaxYG-LEI-R1003A	PL661280	7631-86-9	5%												
Gel Coat G141LE81358	G141LE81358	7631-86-9	5%												
Polyester (RS-733-8495)	H834-RAA-40	7631-86-9	5%	4597	230	8747	437	9738	487	4757	238	4773	239	4754	238
Polycor L/F Orange Tooling	945YAA058	7631-86-9	5%					270	14						
LPT-68000	589117	7631-86-9	5%							970	49				
Methyl Methacrylate															
Gel Coat G370MB81358	G370MB81358	80-62-6	5%												
MaxWG-LE-2831White	DR166569	80-62-6	5%												
Gel Coat XC510281358	XC510281358	80-62-6	8%												
Polycor Orange Tooling	945YAA058	80-62-6	5%					270	14						
MaxYG-LEI-R1003A	PL661280	80-62-6	5%												
Gel Coat 944WH380	944WH380	80-62-6	5%												
YEL MAXYG-33LE-1819	DR755670	80-62-6	5%												
Gel Coat 944WH380	944WH380	80-62-6	5%												
White Gelcoat w/Wax-no/Wax	7827/LHM-2900	80-62-6	6%	1100	66	2750	165	4400	264	1100	66	2200	132	1100	66
Polyster Resin	RS-733-8495	80-62-6	4.5%												
Hi-Hide Red Tooling Gel	5783R90015	80-62-6	5%												
Whisper Grey	LMW-9507	80-62-6	3%			16	0.5	16	0.5						
040-8094 Optiplus	537983	80-62-6	2%					960	14.8						
LPT-68000	589117	80-62-6	2%							970	19				
Teraphthalic	RS-732-129	80-62-6	55%							4862	2674				
Total-Methyl Methacrylate					**66**		**165**		**293**		**2760**		**132**		**66**
Methanol															
Gel Coat G370MB81358	G370MB81358	67-56-1	0.1%												
Gel Coat XC510281358	XC510281358	67-56-1	0.2%												
Polyester (RS-733-8495)	H834-RAA-40	67-56-1	0.4%	4597	18	8747	35	9738	39	4757	19	4773	19	4754	19
Methanol-Total					**18**		**35**		**39**		**19**		**19**		**19**
Silica, Colloidal															
MaxWG-LE-2831White	DR166569	112945-52-5	1%												
Cobalt2-ethylhexanoate															
MaxWG-LE-2831White	DR166569	136-52-7	50%												
Aropol Q67700 T-40 Resin	DR590821	136-52-7	8%												
Stypol LSPC-3723	LSPC3723B3	136-52-7	0.18%												
Stypol LHPC-3226	LHSPC3226B3	136-52-7	0.18%												
040-8094 Optiplus	537983	136-52-7	0.03%					960	0.3						
Polycor L/F Orange Tooling	945YAA058	136-52-7	0.06%					270	0.2						
Crystalline Silica															
Gel Coat XC510281358	XC510281358	14808-60-7	1%												
Spraycore	SC-2000 OS	14808-60-7	2%			580	12	290	6	290	6				
Methyl ethyl ketone															
Peroxide															
MEKP 9 Clear	301246	1338-23-4	34%	64	22	64	22	96	33	56	19	32	11	32	11
Luperox DDM-9	24267	1338-23-4	34%							32	11				
Norox MEKP 9 Red	301249	1338-23-4	34%			160	54	160	54	128	44	64	22	96	33
Hi Point 90 Red	205615	1338-23-4	40%					32	13						
2,2,4-Trimethyl-1,3- (VOC)															
Pentanediol Diisobutyrate															
MEKP 9 Clear	301246	6846-50-0	58%	64	37	64	37	96	56	56	32	32	19	32	19
Norox MEKP 9 Red	301249	6846-50-0	58%			160	93	160	93	128	74	64	37	96	56
Total -2,2,4-Trimethyl-1,3-Pentanediol Diisobutyrate					**37**		**130**		**148**		**107**		**56**		**74**

Twin Vee - Report A2 - Monthly Usage Report-Jul-Dec 2012 by WT-Chemical

Product Description	Mat Code	CAS-No.	Wt %	Jul-12	Jul-WT	Aug-12	Aug-WT	Sep-12	Sep-WT	Oct-12	Oct-WT	Nov-12	Nov-WT	Dec-12	Dec-WT
1,1,1,3,3-pentafluoropropane															
FOM P15390R 2# B	87497	460-73-1	10%			460	46	920	92	551	55	460	46	460	46
Benzoyl Peroxide															
Marine Stackable Putty	235027-260	94-36-0	0.4%												
Calcium Sulfate															
PDR 9000 FAST	103109-18-29	10101-41-1	23%			1800	414			900	207	900	207	450	104
Precipitated Silica															
PDR 9000 FAST	103109-18-29	10101-41-1	5%			1800	90			900	45	900	45	450	23
Amorphous Fumed Silica															
PDR 9000 FAST	103109-18-29	10101-41-1	5%			1800	90			900	45	900	45	450	23
Quartz															
Spraycore	SC-2000 OS	14808-60-7	2%			580	12	290	6	290	6				
Vinyl Toluene															
Spraycore	SC-2000 OS	25013-15-4	6%			580	35	290	17	290	17				
040-8094 Optiplus	537983	25013-15-4	5%					960	49						
Silicon Dioxide															
Whisper Grey	LMW-9507	112945-52-5	6%			16	1	16	1						
Hexylene Glycol															
Norox MEKP 9 Red	301249	107-41-5	6%			160	10	160	10	128	8	64	3.8	96	6
MEKP 9 Clear	301246	107-41-5	6%	64	4	64	4	96	6	56	3	32	1.9	32	2
Polymer															
Swancor 901	RS-901-D	36425-16-8	59%					880	519						
P-MDI															
Elastopor P1001U Isocyanate	DR72286	9016-87-9	55%			551	303	1102	606	551	303				
Limestone															
Gel Coat XC510281358	XC510281358	1317-65-3	30%												
Vinyl Acetate Monomer (HAP)															
040-8094 Optiplus	537983	108-05-4	0.22%					960	2						
Total Vinyl Acetate Monomer									**2**						
Petroleum Naphtha															
Chemlease PMR-15 Sealer	50582G	64742-95-6	30%									16	4.8		
1,2,4-Trimethylbenzene (VOC)															
Chemlease PMR-15 Sealer	50582G	95-63-6	20%									16	3.2		
Total 1,2,4-Trimethylbenzene													**3.2**		
1,3,5-Trimethylbenzene (VOC)															
Chemlease PMR-15 Sealer	50582G	108-67-8	5%									16	0.8		
Total 1,3,5-Trimethylbenzene													**0.8**		
Diethylbenzene															
Chemlease PMR-15 Sealer	50582G	25340-17-4	5%									16	0.8		
Cumene (HAP)															
Chemlease PMR-15 Sealer	50582G	98-82-8	5%									16	0.8		
Total Cumene													**0.8**		
Acetone (VOC)	DR85456	67-64-1	99.9%	714	713	1428	1427	2152	2150	1810	1808	362	362	714	713
Clear Webbing Solution		67-64-1	42%			48	20	48	20			80	34		
Total Acetone					**713**		**1447**		**2170**		**1808**		**395**		**713**

Twin Vee - Report E1 - HAP Monthly Weighted Average					
HAP - Dec-2012					
		HAP			
Vendor	Item	LBS	WT%	LBS	WAHC
PRODUCTION RESIN 35%					
Spectra	Swancor 901	0	37.00	0.00	
Comp 1	040-8-94 Optiplus	0	49.00	0.00	
Comp 1	LHPC-3226 Resin	0	35.09	0.00	
Comp 1	Spraycore	0	35.00	0.00	
Comp 1	PDR 9000 FAST	450	20.00	90.00	
Spectra	Polyester Resin H-834-RAA-40 -RS-733-8495	4754	34.00	1616.36	
Comp 1	LPT-68000	0	37.20	0.00	
Comp 1	Teraphthalic	0	45.00	0.00	
	TOTAL	5204		1706.36	32.79
PIGMENTED GELCOAT 33%					
Comp 1	944 WH-380	0	31.02	0.00	
AOC	White G370-MB-81358	0	27.70	0.00	
AOC	Wht Int Fill XC510281358	0	12.60	0.00	
AOC	Wht Int G141LE81358	0	28.50	0.00	
Ashland	YG PL357	0	30.00	0.00	
Ashland	White Max WG-LE-2831	0	30.00	0.00	
HK Res	Whisper Grey	0	27.00	0.00	
Whitaker	White GC w/Wax-no/Wax	1100	26.00	286.00	
Whitaker	Lite White GC-LHM-2900	0	27.00	0.00	
Cook Comp	Oyster White-998WH501	0	31.00	0.00	
CCP Comp	Oyster White Enamel	0	30.00	0.00	
	TOTAL	1100		286.00	26.00
TOOLING GELCOAT 40%					
Comp 1	Org Tool Gel YA-058	0	42.00	0.00	
Valspar	Hi-Hide Red Tooling Gel	0	45.00	0.00	
	TOTAL	0		0.00	#DIV/0!

Twin Vee - Report B - Product Profile

Product Name	Product Use	Product Code/ID	Vendor	Component	CAS-No.	Weight %
1. Acetone (See 23)	Solvent	85456	Ashland	Acetone (VOC)		
2. 85-X3 Surfacing Agent-5788C90007	Solvent	734991	Ashland	Styrene (HAP)	100-42-5	85-90
3. Surfacing Agent Old #85-X3	Solvent	5788C90277	Valspar	Styrene (HAP)	100-42-5	90-95
4. Sprrov 2400 BB Dist (K)		724823	Ashland	Glass	65997-17-3	
5. EZ Bond Mid Weight LP	Adhesive	5787W00088	Valspar	Styrene (HAP)	100-42-5	20-25
				Talc	14807-96-6	10-15
				Microglass Flake	65997-17-3	1-5
				Silica	14808-60-7	1-1
6. FOM P15390R 2# B	Filler	87497	Ashland	1,1,1,3,3-pentafluoropropane	460-73-1	10
7. FOM P1001U A	Filler	72286	Ashland	Diphenylmethane -4,4'-diisocyanata (MDI) (HAP)	101-68-8	38.0
				P-MDI	9016-87-9	<55.0
8. Gelcoat G370MB81358	Gel Coat		AOC	Styrene (HAP)	100-42-5	27.7
				Aluminum Hydroxide	216-51-2	10-20
				Titanium Dioxide	13463-67-7	10-20
				Silica, Amorphous	7631-86-9	1-5
				Methyl Methacrylate (HAP)	80-62-6	2.0
				Cobalt Compounds	Mixture	0.1-1
				Methanol (HAP)	67-56-1	0.1
9. Gelcoat Maxguard WG-LE-2831 Wht	Gel Coat	704579	Ashland	Styrene (HAP)	100-42-5	>=20-<30
				Talc	14807-96-6	>5-<10
				Methyl Methacrylate (HAP)	80-62-6	>1.5-<5
				Silica, Amorphous	7631-86-9	>1.5-<5
				Silica, Colloidal	112945-52-5	>1-<1.5
				Cobalt2-ethylhexanoate	136-52-7	>0.1-<0.5

Twin Vee - Report B - Product Profile

Product Name	Product Use	Product Code/ID	Vendor	Component	CAS-No.	Weight %
10. Gelcoat XC510281358	Gel Coat		AOC	Limestone	1317-65-3	20-30
				Titanium Dioxide	13463-67-7	10-20
				Styrene (HAP)	100-42-5	12.6
				Methyl Methacrylate (HAP)	80-62-6	8.0
				Silica, Amorphous	7631-86-9	1-5
				Methanol (HAP)	67-56-1	0.2
				Crystalline Silica	14808-60-7	0.1-1
11. Luperox DDM-9 Red 0211249-002-US	Catalyst		Arkema	Methyl Ethyl Ketone Peroxide	1338-23-4	32-34
				2,2,4- Trimethyl-1,3-Pentan-ediol Diisobutyrate (VOC)	6846-50-0	58
				Hexylene Glycol	107-41-5	6
				Methyl Ethyl Ketone (HAP)	78-93-3	<or=2
				Hydrogen Peroxide	7722-84-1	<1
12. Luperox DDM-9 0374597-005-US	Catalyst		Arkema	Methyl Ethyl Ketone Peroxide	1338-23-4	32-34
				2,2,4- Trimethyl-1,3-Pentan-ediol Diisobutyrate (VOC)	6846-50-0	58
				Hexylene Glycol	107-41-5	6
				Methyl Ethyl Ketone (HAP)	78-93-3	<or=2
				Hydrogen Peroxide	7722-84-1	<or=1
13. Aropol Q67700 T-40 Resin	Resin	590821	Ashland	Styrene (HAP)	100-42-5	33
				Cobalt2-ethylhexanoate	136-52-7	0.08
				Cobalt Neodecanoate	27253-31-2	0.03
				Cobalt Hydroxide	21041-93-0	0.01
14. Polycor L/F Orange Tooling	Tooling Gel	945YAA058	Comp 1	Methyl Methacrylate (HAP)	80-62-6	4.5510
				Styrene (HAP)	100-42-5	41.8060
15. Stypol LSPC-3723	Resin	LSPC3723B3	Comp 1	Cobalt Neodecanoate	027253-31-2	0.0480
				Cobalt2-ethylhexanoate	136-52-7	.1820
				Styrene (HAP)	100-42-5	32.1760

Twin Vee - Report B - Product Profile

Product Name	Product Use	Product Code/ID	Vendor	Component	CAS-No.	Weight %
16. Stypol LHPC-3226	Resin	LHSPC3226B3	Comp 1	Cobalt Neodecanoate	027253-31-2	0.0560
				Cobalt2-ethylhexanoate	136-52-7	.1820
				Styrene (HAP)	100-42-5	35.0940
17. Gelcoat Maxguard YG-LEI-R1003A	Gel Coat	661280	Ashland	Styrene (HAP)	100-42-5	>=20-<30
				Talc	14807-96-6	>1.5-<5
				Silica, Amorphous	7631-86-9	>1.5-<5
				Methyl Methacrylate (HAP)	80-62-6	>1.5-<5
				Cobalt2-ethylhexanoate	136-52-7	>0.1-<0.5
18. Gelcoat G141LE81358	Gel Coat	G141LE81358	AOC	Styrene (HAP)	100-42-5	28.5
				Titanium Dioxide	13463-67-7	10-20
				Aluminum Hydroxide	21645-51-2	5-10
				Talc	14807-96-6	5-10
				Silica, Gel	112926-00-8	1-5
				Silica, Amorphous	7631-86-9	1-5
19. Gelcoat 944WH380	Gel Coat	944WH380	Comp 1	Methyl Methacrylate (HAP)	80-62-6	4.9970
				Styrene (HAP)	100-42-5	31.0150
				Titanium Dioxide	13463-67-7	19.7300
				Talc	14807-96-6	1-5
20. Bonding Compound-Putty 2012	Adhesive	611503	Ashland	Styrene (HAP)	100-42-5	14-20
21. Yellow Gel Coat	Gel Coat	YG-33LE-1819	Ashland	Styrene (HAP)	100-42-5	>20-<30
				Talc	14807-96-6	>10-<15
				Methyl Methacrylate (HAP)	80-62-6	>1.5-<5
				Titanium Dioxide (TI02)	13463-67-7	>1-<1.5
				Colour Index Pigment Yel 83	5567-15-7	>1-<1.5
				Silica Colloidal Amorphous	112945-52-5	>1-<1.5
				Cobalt Compounds	Mixture	>.1<.5
22. Interior White Gel Coat	Gel Coat	235018-505	Sanco	Styrene (HAP)	100-42-5	28
				Methyl Methacrylate (HAP)	80-62-6	<1.0
23. Acetone (See 1)	Solvent		Sasol	Acetone (VOC)	67-64-1	99.9
24. Polyester Resin (See 34 & 36)	Resin	733849528	Hexion	Styrene (HAP)	100-42-5	31.0 - 32.0
				a-Methylstyrene	98-83-9	1.0 - 5.0

Twin Vee - Report B - Product Profile

Product Name	Product Use	Product Code/ID	Vendor	Component	CAS-No.	Weight %
25. Hi Point 90	Catalyst		Pergan	Methyl Ethy Ketone	1338-23-4	36.0 -40.0
				Peroxide		
				Dimethyl Phthalate (HAP)	131-11-3	32.0 - 36.0
				Methyl Ethyl Ketone (HAP)	78-93-3	0.1 - 1.0
				Hydrogen Peroxide	7722-84-1	0.1 - 1.5
26. Hi Point 90 Redout	Catalyst		Pergan	Methyl Ethy Ketone	1338-23-4	36.0 -40.0
				Peroxide		
				Dimethyl Phthalate (HAP)	131-11-3	32.0 - 36.0
				Methyl Ethyl Ketone (HAP)	78-93-3	0.1 - 1.0
				Hydrogen Peroxide	7722-84-1	0.1 - 1.5
				C.I. Solvent Red 164	70879-65-1	< = 0.1
				Xylene	1330-20-7	.01 - 0.1
27. Clear Webbing Solution	Solvent		Kel-Glo	Acetone (VOC)	67-64-1	42.08
				Isopropanol	67-63-0	0.74
				Methyl Ethyl Ketone (HAP)	78-93-3	3.47
				Toluene (Toluol) (HAP)	108-88-3	40.35
28. White Gelcoat w/Wax	Gel Coat	7827	Advance	Styrene (HAP)	100-42-5	26
				Methyl Methacrylate (HAP)	80-62-6	6
29. Hi-Hide Red Tooling Gel	Gel Coat	5783R90015	Ashland	Styrene (HAP)	100-42-5	45
				Methyl Methacrylate (HAP)	80-62-6	5
				Titanium Dioxide	13463-67-7	1
30. Styrene Monomer (See 32)	Solvent	499370	Lyondell	Styrene (HAP)	100-42-5	99.8
				P-Tertiary Butyl Catechol	98-29-3	0.01
31. Clear Colored Solution-Styrene Odor	Solvent		N-Tegra	Styrene (HAP)	100-42-5	23.5
				Methyl Methacrylate (HAP)	80-62-6	4.5
32. Styrene Monomer (See 30)	Solvent		J.T. Baker	Styrene (HAP)	100-42-5	90-100
33. Lite White Gel Coat	Gel Coat	LHM-2900	Whitaker	Styrene (HAP)	100-42-5	27
				Titania	13463-67-7	11-21
				Magnesium Silicate	14807-96-6	10-20
				Acrylic Polymer	15625-89-5	1-9
				Methyl Methacrylate (HAP)	80-62-6	3

Twin Vee - Report B - Product Profile

Product Name	Product Use	Product Code/ID	Vendor	Component	CAS-No.	Weight %
34. Unsaturated Polyester Resin	Resin	RS-733-8495	Spectra	Styrene (HAP)	100-42-5	23.5
(See 36 & 24)				Methyl Methacrylate (HAP)	80-62-6	4.5
35. Surfacing Agent	Solvent		J.T. Baker	Styrene (HAP)	100-42-5	90-100
36. Laminating Resin (See 34 & 24)	Resin	RS-733-8495	Sanco	Styrene (HAP)	100-42-5	28
37. Marine Stackable Putty	Adhesive	235027-260	Sanco	Benzoyl Peroxide	94-36-0	0.4
38. Spraycore	Resin	SC-2000 OS	FG Evercoat	Styrene (HAP)	100-42-5	35
				Quartz	14808-60-7	0-2
39. Oyster White	Gel Coat	99M-WH-501	Comp 1	Cobalt Neodecanoate	027253-31-2	0.0250
				Cobalt2-ethylhexanoate	136-52-7	0.0170
				Methyl Methacrylate (HAP)	80-62-6	2.0850
				Styrene (HAP)	100-42-5	30.7100
				Titanium Dioxide	13463-67-7	18.3820
				Talc	14807-96-6	0-2
				Silica, Amorphous	7631-86-9	1-5
40. Oyster White Enamel	Gel Coat	998-WH-501	Comp 1	Cobalt2-ethylhexanoate	136-52-7	0.0910
				Styrene (HAP)	100-42-5	29.7210
				Titanium Dioxide	13463-67-7	15.9130
				Talc	14807-96-6	5-10
				Aluminum Silicate	14807-96-6	1-5

Twin Vee - Report B1 - Product Profile by Chemical-WT

Product Name	Product Use	Product Code/ID	Vendor	Component	CAS-No.	Weight %
1. Acetone	Cleaning	85456	Ashland	Acetone		
2. 85-X3 Surfacing Agent (VOC)	Misc	5788C90007	Valspar	Styrene	100-42-5	85-90
3. Surfacing Agent Old #85-X3 (VOC)	Misc	5788C90277	Valspar	Styrene	100-42-5	90-95
5. EZ Bond Mid Weight LP (VOC)	Adhesive	5787W00088	Valspar	Styrene	100-42-5	20-25
8. Gelcoat G370MB81358	Gel Coat	G370MB81358	AOC	Styrene	100-42-5	27.7
9. Gelcoat Maxguard WG-LE-2831 Wht	Gel Coat	704579	Ashland	Styrene	100-42-5	>=20-<30
10. Gelcoat XC510281358	Gel Coat	XC510281358	AOC	Styrene	100-42-5	12.6
13. Aropol Q67700 T-40 Resin	Resin	590821	Ashland	Styrene	100-42-5	>30-<40
14. Polycor L/F Orange Tooling	Misc	945YAA058	Comp 1	Styrene	100-42-5	41.8060
15. Stypol LSPC-3723	Resin	LSPC3723B3	Comp 1	Styrene	100-42-5	32.1760
16. Stypol LHPC-3226	Resin	LHSPC3226B3	Comp 1	Styrene	100-42-5	35.0940
17. Gelcoat Maxguard YG-LEI-R1003A	Gel Coat	661280	Ashland	Styrene	100-42-5	>=20-<30
18. Gelcoat G141LE81358	Gel Coat	G141LE81358	AOC	Styrene	100-42-5	28.5
19. Gelcoat 944WH380	Gel Coat	944WH380	Comp 1	Styrene	100-42-5	31.0150
20. Bonding Compound	Resin	2012	Arjay	Styrene	100-42-5	14-20
21. Yellow Gel Coat	Gel Coat	YG-33LE-1819	Ashland	Styrene	100-42-5	>20-<30
22. Interior White Gel Coat	Gel Coat	235018-505	Sanco	Styrene	100-42-5	28
24. Polyester Resin	Resin	733849528	Hexion	Styrene	100-42-5	31.0 - 32.0
28. White Gelcoat w/Wax	Gel Coat	7827	Advance	Styrene	100-42-5	26
29. Hi-Hide Red Tooling Gel	Gel Coat	86552	Ashland	Styrene	100-42-5	45
30. Styrene Monomer	Misc	499370	Lyondell	Styrene	100-42-5	99.8
31. Clear Colored Solution-Styrene Odor	Misc		N-Tegra	Styrene	100-42-5	23.5
32. Styrene Monomer	Misc		J.T. Baker	Styrene	100-42-5	90-100
33. Lite White Gel Coat	Gel Coat	LHM-2900	Whitaker	Styrene	100-42-5	27
34. Unsaturated Polyester Resin	Resin	RS-733-8495	Spectra	Styrene	100-42-5	23.5
35. Surfacing Agent	Misc		J.T. Baker	Styrene	100-42-5	90-100
38. Spraycore	Resin	SC-2000 OS	FG Evercoat	Styrene	100-42-5	35
39. Oyster White	Gel Coat	99M-WH-501	Comp 1	Styrene	100-42-5	30.71
40. Oyster White Enamel	Gel Coat	998-WH-501	Comp 1	Styrene	100-42-5	29.721
5. EZ Bond Mid Weight LP (VOC)	Adhesive	5787W00088	Valspar	Talc	14807-96-6	10-15
9. Gelcoat Maxguard WG-LE-2831 Wht	Gel Coat	704579	Ashland	Talc	14807-96-6	>5-<10
17. Gelcoat Maxguard YG-LEI-R1003A	Gel Coat	661280	Ashland	Talc	14807-96-6	>1.5-<5
18. Gelcoat G141LE81358	Gel Coat	G141LE81358	AOC	Talc	14807-96-6	5-10
19. Gelcoat 944WH380	Gel Coat	944WH380	Comp 1	Talc	14807-96-6	1-5
21. Yellow Gel Coat	Gel Coat	YG-33LE-1819	Ashland	Talc	14807-96-6	>10-<15
39. Oyster White	Gel Coat	99M-WH-501	Comp 1	Talc	14807-96-6	10-20
40. Oyster White Enamel	Gel Coat	998-WH-501	Comp 1	Talc	14807-96-6	5-10
5. EZ Bond Mid Weight LP (VOC)	Adhesive	5787W00088	Valspar	Microglass Flake	65997-17-3	1-5

Twin Vee - Report B1 - Product Profile by Chemical-WT

Product Name	Product Use	Product Code/ID	Vendor	Component	CAS-No.	Weight %
5. EZ Bond Mid Weight LP (VOC)	Adhesive	5787W00088	Valspar	Silica	14808-60-7	1-1
6. Elastopor P15390R	Foam	NPU 589304	NPU 5893	Silica 1,1,1,3,3-pentafluoropropane	460-73-1	10
7. Elastopor P1001U Isocyanate	Foam		Basf	Diphenylmethane -4,4'-diisocyanata (MDI)	101-68-8	38.0
7. Elastopor P1001U Isocyanate	Foam		Basf	P-MDI	9016-87-9	<55.0
8. Gelcoat G370MB81358	Gel Coat		AOC	Aluminum Hydroxide	216-51-2	10-20
8. Gelcoat G370MB81358	Gel Coat		AOC	Titanium Dioxide	13463-67-7	10-20
10. Gelcoat XC510281358	Gel Coat		AOC	Titanium Dioxide	13463-67-7	10-20
18. Gelcoat G141LE81358	Gel Coat	G141LE81358	AOC	Titanium Dioxide	13463-67-7	10-20
19. Gelcoat 944WH380	Gel Coat	944WH380	Comp 1	Titanium Dioxide	13463-67-7	19.7300
21. Yellow Gel Coat	Gel Coat	YG-33LE-1819	Ashland	Titanium Dioxide (TI02)	13463-67-7	>1-<1.5
29. Hi-Hide Red Tooling Gel	Gel Coat	86552	Ashland	Titanium Dioxide	13463-67-7	1
39. Oyster White	Gel Coat	99M-WH-501	Comp 1	Titanium Dioxide	13463-67-7	18.382
40. Oyster White Enamel	Gel Coat	998-WH-501	Comp 1	Titanium Dioxide	13463-67-7	15.913
8. Gelcoat G370MB81358	Gel Coat		AOC	Silica, Amorphous	7631-86-9	1-5
9. Gelcoat Maxguard WG-LE-2831 Wht	Gel Coat	704579	Ashland	Silica, Amorphous	7631-86-9	>1.5-<5
10. Gelcoat XC510281358	Gel Coat		AOC	Silica, Amorphous	7631-86-9	1-5
17. Gelcoat Maxguard YG-LEI-R1003A	Gel Coat	661280	Ashland	Silica, Amorphous	7631-86-9	>1.5-<5
18. Gelcoat G141LE81358	Gel Coat	G141LE81358	AOC	Silica, Amorphous	7631-86-9	1-5
39. Oyster White	Gel Coat	99M-WH-501	Comp 1	Silica, Amorphous	7631-86-9	1-5
8. Gelcoat G370MB81358	Gel Coat		AOC	Methyl Methacrylate	80-62-6	2.0
9. Gelcoat Maxguard WG-LE-2831 Wht	Gel Coat	704579	Ashland	Methyl Methacrylate	80-62-6	>1.5-<5
10. Gelcoat XC510281358	Gel Coat		AOC	Methyl Methacrylate	80-62-6	8.0
14. Polycor L/F Orange Tooling	Misc	945YAA058	Comp 1	Methyl Methacrylate	80-62-6	4.5510
17. Gelcoat Maxguard YG-LEI-R1003A	Gel Coat	661280	Ashland	Methyl Methacrylate	80-62-6	>1.5-<5
19. Gelcoat 944WH380	Gel Coat	944WH380	Comp 1	Methyl Methacrylate	80-62-6	4.9970
21. Yellow Gel Coat	Gel Coat	YG-33LE-1819	Ashland	Methyl Methacrylate	80-62-6	>1.5-<5
22. Interior White Gel Coat	Gel Coat	235018-505	Sanco	Methyl Methacrylate	80-62-6	<1.0
28. White Gelcoat w/Wax	Gel Coat	7827	Advance	Methyl Methacrylate	80-62-6	6
29. Hi-Hide Red Tooling Gel	Gel Coat	86552	Ashland	Methyl Methacrylate	80-62-6	5
31. Clear Colored Solution-Styrene Odor	Misc		N-Tegra	Methyl Methacrylate	80-62-6	4.5
33. Lite White Gel Coat	Gel Coat	LHM-2900	Whitaker	Methyl Methacrylate	80-62-6	3

34. Unsaturated Polyester Resin	Resin	RS-733-8495	Spectra	Methyl Methacrylate	80-62-6	4.5
39. Oyster White	Gel Coat	99M-WH-501	Comp 1	Methyl Methacrylate	80-62-6	2.085

Twin Vee - Report B1 - Product Profile by Chemical-WT

Product Name	Product Use	Product Code/ID	Vendor	Component	CAS-No.	Weight %
8. Gelcoat G370MB81358	Gel Coat		AOC	Methanol	67-56-1	0.1
10. Gelcoat XC510281358	Gel Coat		AOC	Methanol	67-56-1	0.2
9. Gelcoat Maxguard WG-LE-2831 Wht	Gel Coat	704579	Ashland	Silica, Colloidal	112945-52-5	>1-<1.5
21. Yellow Gel Coat	Gel Coat	YG-33LE-1819	Ashland	Silica Colloidal Amorphous	112945-52-5	>1-<1.5
9. Gelcoat Maxguard WG-LE-2831 Wht	Gel Coat	704579	Ashland	Cobalt2-ethylhexanoate	136-52-7	>0.1-<0.5
13. Aropol Q67700 T-40 Resin	Resin	590821	Ashland	Cobalt2-ethylhexanoate	136-52-7	0.08
15. Stypol LSPC-3723	Resin	LSPC3723B3	Comp 1	Cobalt2-ethylhexanoate	136-52-7	.1820
16. Stypol LHPC-3226	Resin	LHSPC3226B3	Comp 1	Cobalt2-ethylhexanoate	136-52-7	.1820
17. Gelcoat Maxguard YG-LEI-R1003A	Gel Coat	661280	Ashland	Cobalt2-ethylhexanoate	136-52-7	>0.1-<0.5
39. Oyster White	Gel Coat	99M-WH-501	Comp 1	Cobalt2-ethylhexanoate	136-52-7	0.017
40. Oyster White Enamel	Gel Coat	998-WH-501	Comp 1	Cobalt2-ethylhexanoate	136-52-7	0.091
10. Gelcoat XC510281358	Gel Coat		AOC	Limestone	1317-65-3	20-30
10. Gelcoat XC510281358	Gel Coat		AOC	Crystalline Silica	14808-60-7	0.1-1
11. Luperox DDM-9 Red 0211249-002-US	MEK		Arkema	Methyl ethyl ketone Peroxide	1338-23-4	32-34
12. Luperox DDM-9 0374597-005-US	MEK		Arkema	Methyl ethyl ketone Peroxide	1338-23-4	32-34
11. Luperox DDM-9 Red 0211249-002-US	MEK		Arkema	2,2,4- Trimethyl-1,3- Pentanediol Diisobutyrate	6846-50-0	58
12. Luperox DDM-9 0374597-005-US	MEK		Arkema	2,2,4- Trimethyl-1,3- Pentanediol Diisobutyrate	6846-50-0	58
11. Luperox DDM-9 Red 0211249-002-US	MEK		Arkema	Hexylene Glycol	107-41-5	6
12. Luperox DDM-9 0374597-005-US	MEK		Arkema	Hexylene Glycol	107-41-5	6
11. Luperox DDM-9 Red 0211249-002-US	MEK		Arkema	Methyl ethyl ketone	78-93-3	<or=2
12. Luperox DDM-9 0374597-005-US	MEK		Arkema	Methyl ethyl ketone	78-93-3	<or=2
25. Hi Point 90	MEK		Pergan	Methyl ethyl ketone	78-93-3	0.1 - 1.0
26. Hi Point 90 Redout	MEK		Pergan	Methyl ethyl ketone	78-93-3	0.1 - 1.0
11. Luperox DDM-9 Red 0211249-002-US	MEK		Arkema	Hydrogen Peroxide	7722-84-1	<1
12. Luperox DDM-9 0374597-005-US	MEK		Arkema	Hydrogen Peroxide	7722-84-1	<or=1

Twin Vee - Report B1 - Product Profile by Chemical-WT

Product Name	Product Use	Product Code/ID	Vendor	Component	CAS-No.	Weight %
13. Aropol Q67700 T-40 Resin	Resin	590821	Ashland	Cobalt Neodecanoate	027253-31-2	0.03
15. Stypol LSPC-3723	Resin	LSPC3723B3	Comp 1	Cobalt Neodecanoate	027253-31-2	0.0480
16. Stypol LHPC-3226	Resin	LHSPC3226B3	Comp 1	Cobalt Neodecanoate	027253-31-2	0.0560
39. Oyster White	Gel Coat	99M-WH-501	Comp 1	Cobalt Neodecanoate	027253-31-2	0.025
13. Aropol Q67700 T-40 Resin	Resin	590821	Ashland	Cobalt Hydroxide	21041-93-0	0.01
18. Gelcoat G141LE81358	Gel Coat	G141LE81358	AOC	Aluminum Hydroxide	21645-51-2	5-10
18. Gelcoat G141LE81358	Gel Coat	G141LE81358	AOC	Silica, Gel	112926-00-8	1-5
21. Yellow Gel Coat	Gel Coat	YG-33LE-1819	Ashland	Colour Index Pigment Yel 83	5567-15-7	>1-<1.5
25. Hi Point 90	MEK		Pergan	Dimethyl Phthalate	131-11-3	32.0 - 36.0
26. Hi Point 90 Redout	MEK		Pergan	Dimethyl Phthalate	131-11-3	32.0 - 36.0
26. Hi Point 90 Redout	MEK		Pergan	C.I. Solvent Red 164	70879-65-1	<or=1
26. Hi Point 90 Redout	MEK		Pergan	Xylene	1330-20-7	.01 - .1
24. Polyester Resin	Resin	733849528	Hexion	a-Methylstyrene	98-83-9	1.0 - 5.0
30. Styrene Monomer	Misc	499370	Lyondell	P-Tertiary Butyl Catechol	98-29-3	0.01
33. Lite White Gel Coat	Gel Coat	LHM-2900	Whitaker	Titania	13463-67-7	11-21
33. Lite White Gel Coat	Gel Coat	LHM-2900	Whitaker	Magnesium Silicate	14807-96-6	10-20
33. Lite White Gel Coat	Gel Coat	LHM-2900	Whitaker	Acrylic Polymer	15625-89-5	1-9
37. Marine Stackable Putty	Adhesive	235027-260	Sanco	Benzoyl Peroxide	94-36-0	0.4
38. Spraycore	Resin	SC-2000 OS	FG Evercoat	Quartz	14808-60-7	0-2
40. Oyster White Enamel	Gel Coat	998-WH-501	Comp 1	Aluminum Silicate	14807-96-6	1-5

TWIN VEE
3101 SOUTH FEDERAL HIGHWAY
FT. PIERCE, FLORIDA

INSIGNIFICANT EMISSION ACTIVITIES

1) **Chemical Storage.** Chemicals are stored in a variety of containers, including portable tote tanks, parked truck tankers, and parked rail cars. None of these containers are filled on site; therefore, there are no emissions associated with filling. Most of the containers-tanks are stored beneath a roof and are protected from sun and rain. Emissions from these containers-tanks are insignificant for the purpose of this permit.

2) **Grinding-Sanding.** The edges of boat hulls and plastic deckware are smoothed as necessary. This smoothing is performed using hand tools. Particulate matter generated from these activities is coarse in nature and does not emit in any significant manner from the facility building.

3) **Motor Operation.** Boat motors are operated for short periods of time as part of the final checkout of completed boats. Exhaust emissions from these gasoline engines are not significant for the purpose of this permit.

4) **Maintenance Operations.** General equipment maintenance activities will include preventive and repair to facility equipment. These activities include but are not limited to lubrication, disassembly for repair, welding repairs and infrequent painting of equipment requiring a protective coating. These activities are routine for any manufacturing facility and do not represent a significant emission source for the purpose of this permit.