

DM Industries, Ltd.

Since 1974

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MAY 13 2002

BUREAU OF AIR REGULATION

May 8, 2002

Ms. Cindy Phillips, P.E.  
FDEP Bureau of Air Regulation  
MS 5505  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400

Dear Ms. Phillips,

Subject: Notification Information

This is to comply with the initial notification for the MACT regulations for facilities that may be a major source for hazardous air pollutants. Accordingly, this is the information requested by your office:

1. Name, address, and brief description of major source (facility).

DM Industries, LTD.

2320 NW 147<sup>th</sup> Street  
Opa Locka, Florida 33054

Fiberglass Reinforced Plastic Manufacturing

2. Identification of relevant industry type source category.

Reinforced Plastics Products manufacturing

3. List of emission units belonging to the relevant industry type source category.

Please see attached spreadsheet with list of emissions units.

4. Identification of any affected sources for which a section 112(g) MACT determination has been made.

Not applicable.

Should you have any questions, please contact Arlyn Palacios at (305) 685-5739 ext 334 or arlynp@dmindustries.com.

Sincerely,

Eric Dormoy  
President  
DM Industries Ltd  
Enclosure (1)

AP

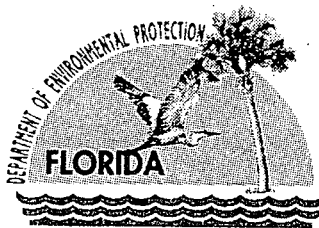


DM INDUSTRIES, LTD.

TABLE 1. 2001 AOR EMISSIONS BASED ON ACTUAL MAXIMUM MATERIAL USE

Product Name	Material Usage Rate (gal/yr)	Material Density (lb/gal)	Material Usage Rate (lb/yr)	VOC Content (%)	Emission Factor* (%)	Styrene Content (%)	Styrene Emissions (TPY)	EGBE Content (%)	Glycol Ether Emissions (TPY)	VOC Emissions (TPY)
Gray gel		8.97	0.00	n/a	23	n/a	0.000			0.000
Resin			988,962.00	n/a	11.3	41.5	23.1887			23.189
MEKP	2,739.01	9.51	26,048.00	n/a						0
Gray Stain (Water Based)	123.00	8.5	1,045.50	n/a						0
Red Stain (Water Based)	2,644.00	8.5	22,474.00	n/a						0
Black Paint (Water Based)	880.00	8.5	7,480.00	n/a						0
Auto Body Putty	204.00	10.01	2,042.04	n/a	11.3	18	0.016			0.016
Silicones	1,286.21	8.67	11,151.46	45						2.509
PVC - Glue	1,560.00	7.84	12,230.40	55						3.363
Acetone	3,031.00	6.59	19,974.29	n/a						0
Alcohol	925.00	6.56	6,068.00	100						3.034
Marble Wash	2,797.15	8.42	23,552.00	4				4	0.471	0.471
Foam - Part A			175,281.00	0						0
Foam - Part B			151,415.00	0						0
RECEIVED MAY 13 2002 BUREAU OF AIR REGULATION										
Total Facility VOCs (TPY): 16,189.37      1,447,723.69      32.582										
Total Combined HAP Emissions (TPY):							23.205	0.471	23.676	

\* Emission factors recommended by EPA



Jeb Bush  
Governor

# Department of Environmental Protection

Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

David B. Struhs  
Secretary

April 5, 2002

To the Title V Air Permitting Contact Person:

Our records indicate that your facility may be a major source of hazardous air pollutants and may be in the affected **Reinforced Plastics Products Manufacturing** source category. Therefore, **you must notify us by May 15, 2002 if you think** your facility is a major source of hazardous air pollutants and is in an affected industry type source category. A list of affected industry type source categories is printed on the reverse side of this letter.

The Clean Air Act (CAA), as amended in 1990, requires that the USEPA publish federal regulations by May 15, 2002 to determine the maximum achievable control technology (MACT) to reduce emissions of hazardous air pollutants (HAPs) from certain industry type source categories at facilities that emit major amounts of hazardous air pollutants. A major amount of hazardous air pollutants is considered to be 10 tons per year or more of a single hazardous air pollutant, or 25 tons per year or more of a combination of hazardous air pollutants. However, the USEPA is not likely to publish the federal MACT regulations until May 15, 2004 instead of May 15, 2002, the MACT "hammer" date. As a result, Section 112(j) of the Clean Air Act must be initiated.

If you think your facility is a major source of hazardous air pollutants and is in an affected industry type source category, you must submit to our office and the USEPA by **May 15, 2002** the following **112(j) notification information**, which may be in letter format:

- (1) The name, address (physical location), and brief description of the major source (facility);
- (2) An identification of the relevant industry type source category(ies) [See list on reverse side of this letter.];
- (3) A list of the emission units belonging to the relevant industry type source category(ies); and
- (4) An identification of any affected sources for which a section 112(g) MACT determination has been made.

This submittal must be signed by the Title V permit Responsible Official. The mailing addresses for the 112(j) contacts at our office and the USEPA are:

Ms. Cindy Phillips, P.E.  
FDEP Bureau of Air Regulation  
MS 5505  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400

Mr. Doug Neeley  
Air, Pesticides, and Toxics Management Division  
USEPA Region IV  
61 Forsyth Street, SW  
Atlanta, GA 30303-8960

This notification requirement does not affect the processing of any Title V permits that are undergoing renewal now or in the near future. Any newly applicable NESHAP requirements that may be promulgated by May 2004 will be incorporated into your Title V permit through the procedures specified in 40 CFR 70.7(f), *Reopening for cause*. As before, any new construction or reconstruction that, by itself, will emit a major amount of hazardous air pollutants, will likely require a 112(g) Case-by-case MACT determination during the construction permitting process.

If you have any questions, please contact Ms. Cindy Phillips at 850-921-9534 or [Cindy.Phillips@dep.state.fl.us](mailto:Cindy.Phillips@dep.state.fl.us).

Sincerely,

Scott M. Sheplak, P.E. Administrator  
Title V Section, Bureau of Air Regulation

"More Protection, Less Process"

## **AFFECTED INDUSTRY TYPE SOURCE CATEGORIES**

### **NESHAP NOT PROPOSED YET**

- Auto & Light Duty (Surface Coating)
- Brick & Structural Clay Products Mfg.
- Combustion Turbines
- Fabric Printing, Coating, and Dyeing
- Industrial, Commercial and Institutional Boilers and Indirect-fired Process Heaters
- Iron Foundries
- Lime Manufacturing
- Mercury Cell Chlor-Alkali Plants
- Metal Can (Surface Coating)
- Metal Furniture (Surface Coating)
- Misc. Metal Parts and Products (Surface Coating)
- Misc. Organic Chemical Production and Processes (MON)
- Organic Liquids Distribution (non-gasoline)
- Paint Stripping Operations
- Plastic Parts (Surface Coating)
- Plywood and Composite Wood Products
- Primary Magnesium Refining
- Reciprocating Internal Combustion Engines (RICE)
- Refractory Products Manufacturing
- Rocket Testing Facilities & Engine Test Cells/Standards
- Semiconductor Production
- Site Remediation
- Taconite Iron Ore Processing
- Wood Building Products (Surface Coating)

### **NESHAP PROPOSED BUT NOT FINAL YET**

- Asphalt Roofing & Processing
- Cellulose Ethers Production Manufacturing
- Coke Oven: Pushing, Quenching, & Battery Stacks
- Flexible Polyurethane Foam Fabrication Operation
- Friction Materials Manufacturing
- Generic MACT
- Hydrochloric Acid Production
- Integrated Iron & Steel
- Large Appliance (Surface Coating)
- Metal Coil (Surface Coating) Industry
- Miscellaneous Viscose Processes
- Municipal Solid Waste Landfills
- Paper & Other Web (Surface Coating)
- Petroleum Refineries
- Polyvinyl Chloride and Copolymers Production
- Primary Copper
- Reinforced Plastics Products Manufacturing
- Tire Manufacturing
- Wet-Formed Fiberglass Mat Production