

styrene Emissions

A.S.A. MFG INC.

03/02/2012-03/29/2012

Mar-12

60112

Description	Usage (lbs / mo)	Usage (tons / mo)	United Emission Factor **	Styrene Emissions (lbs / mo)	Styrene Emissions (tons / mo)
GP Resin / Spray	2475.00	1.2375	155	191.813	0.096
GP Resin / Roll On	990.00	0.495	117	57.915	0.029
Vinyl Ester / Roll On	0.00	0	143	0.000	0.000
Gel Coat / Spray	265.00	0.1325	259	34.318	0.017
Styrene / Cleaning	4.00	N/A	N/A	4.000	0.002
Total Styrene Emissions for month				288.045	0.144

** lb styrene/ton resin or gelcoat

United Emission Factors based on:

- GP Resin - 39% Styrene
- VE Resin - 43.5% Styrene
- Gel Coat - 40% Styrene

03/02/2012-03/29/2012

ASA Manufacturing
 Facility ID # 0830104
 Emission Unit ID 0830104001

12 month running Styrene Emission totals (tons):	
Month	Running Total
April-11	0.420
May-11	0.641
June-11	0.268
July-11	0.235
August-11	0.525
September-11	0.196
October-11	0.208
November-11	0.260
December-11	0.174
January-12	0.218
Jan-12	0.195
Mar-12	0.144

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Month

Apr-12

Date	Resin layup	Resin-gun	Gelcoat	VE	Acetone	Styrene
3/30/2012	1.50 Dr	5.25 Dr	2.00 Dr	0.25 Dr	2.25 Dr	9.50 Gallons
4/5/2012	1.00 Dr	3.75 Dr	1.75 Dr	0.25 Dr	1.75 Dr	9.00 Gallons
usage	0.50	1.50	0.25	0.00	0.50	0.5
4/6/2012	2.00 Dr	5.75 Dr	1.75 Dr	0.25 Dr	1.75 Dr	9.00 Gallons
4/12/2012	1.50 Dr	3.75 Dr	1.50 Dr	0.25 Dr	1.50 Dr	9.00 Gallons
usage	0.50	2.00	0.25	0.00	0.25	0.0
4/7/2012	2.50 Dr	6.75 Dr	2.50 Dr	0.25 Dr	2.50 Dr	9.00 Gallons
4/19/2012	2.00 Dr	5.50 Dr	2.25 Dr	0.25 Dr	2.00 Dr	9.00 Gallons
usage	0.50	1.25	0.25	0.00	0.50	0.0
20-Apr	2.00 Dr	5.50 Dr	2.25 Dr	0.25 Dr	2.00 Dr	9.00 Gallons
26-Apr	1.50 Dr	3.75 Dr	2.00 Dr	0.25 Dr	1.50 Dr	9.00 Gallons
usage	0.50	1.75	0.25	0.00	0.50	0.0
Start	0.00 Dr	0.00 Dr				Gallons
end	0.00 Dr	0.00 Dr				Gallons
usage	0.00	0.00	0.00	0.00	0.00	0.0
TOTAL USAGE	2.00 D	6.50 D	1.00 D	0.00 D	1.75 D	0.5 Gallons
Drum to lbs	495.00	495.00	530.00	495.00	357.00	8
Pounds	990.00 Lbs	3217.50 Lbs	530.00 Lbs	0.00 Lbs	624.75 Lbs	4.00 LBS.
Resin layup	Resin-gun	Gelcoat	VE	Acetone	Styrene	