

- b. Emissions of hazardous air pollutants (HAPs) from the six lacquer coating lines shall not exceed the following limits:

<u>Pollutant</u>	E M I S S I O N S	
	<u>(Ton/Mo)</u>	<u>(Ton/Year)</u>
Single HAP (e.g. Toluene)	1.0	9.4
Total HAPs	1.4	16.0

- c. These limits are based on the information provided in the permit application. Compliance with annual limits shall be determined from a running total of 12 months of data.
- 3a. This permit is issued based on negligible emissions of volatile organic material from the three polypropylene film coating operations. For this purpose, emissions shall not exceed nominal emission rates of 0.1 lb/hour and 0.44 ton/year.
- b. This permit is issued based on negligible emissions of volatile organic material from the powder coating line. For this purpose, emissions shall not exceed nominal emission rates of 0.1 lb/hour and 0.44 ton/year.
4. The Permittee shall keep records each month of the following items for each coating line:
- The quantity of each coating containing VOM and/or HAP that is used (gal/month);
 - A list giving the name and identification number of each coating as applied, dilution solvent, clean-up solvent, and any other material containing VOM and/or HAP;
 - VOM content in lbs VOM per gallon of coating as applied (less water and any compounds which are specifically exempt from the definition of VOM) for each material used containing VOM;
 - Single HAP content in lbs HAP per gallon of coating as applied for each material used containing toluene;
 - Total HAP content in lbs HAPs per gallon of coating as applied for each material used containing HAPs; and
 - VOM and HAP emissions (ton/month and ton/year).
- 5a. This permit is issued based upon emissions of organic material being less than 8 lbs/hour from each individual coating line pursuant to 35 Ill. Adm. Code 215.301, if emissions are from photochemically reactive material as defined in 35 Ill. Adm. Code 211.4690.

- b. In addition to the records required by Condition 4, the Permittee shall maintain records of the following items, on a per coating line basis, so as to verify compliance with the limits in this condition:
 - i. Identification and quantity, of each photochemically reactive coating used (gallons/month);
 - ii. Organic material content by volume as applied (less water and any compounds which are specifically exempt from the definition of organic material) for each material used containing organic material (lbs organic material per gallon of coating);
 - iii. Total organic material emissions attributable to photochemically reactive material for each line (lbs/month);
 - iv. Total amount of time that the line is used while utilizing photochemically reactive coating, (hours/month);
 - v. Hourly emission rate per line when using photochemically reactive material, as determined by record (iii) divided by record (iv) (lb/hour).
6. The emissions of Hazardous Air Pollutants (HAPs) as listed in Section 112(b) of the Clean Air Act shall not equal or exceed 10 tons per year of any single HAP or 25 tons per year of any combination of such HAPs, or such lesser quantity as USEPA may establish in rule which would require the Permittee to obtain a CAAPP permit from the Illinois EPA. As a result of this condition, this permit is issued based on the emissions of any HAP from this source not triggering the requirement to obtain a CAAPP permit from the Illinois EPA.
7. All records and logs required by this permit shall be retained at a readily accessible location at the source for at least three years from the date of entry and shall be made available for inspection and copying by the Illinois EPA or USEPA upon request. Any records retained in an electronic format (e.g., computer) shall be capable of being retrieved and printed on paper during normal source office hours so as to be able to respond to an Illinois EPA or USEPA request for records during the course of a source inspection.
8. If there is an exceedance of the requirements of this permit as determined by the records required by this permit, the Permittee shall submit a report to the Illinois EPA's Compliance Section in Springfield, Illinois within 30 days after the exceedance. The report shall include the emissions released in accordance with the recordkeeping requirements, a copy of the relevant records, and a description of the exceedance or violation and efforts to reduce emissions and future occurrences.
9. Two (2) copies of required reports and notifications concerning equipment operation or repairs, performance testing or a continuous monitoring system shall be sent to:

Illinois Environmental Protection Agency
Division of Air Pollution Control
Compliance Section (#40)
P.O. Box 19276
Springfield, Illinois 62794-9276

and one (1) copy shall be sent to the Illinois EPA's regional office at the following address unless otherwise indicated:

Illinois Environmental Protection Agency
Division of Air Pollution Control
2009 Mall Street
Collinsville, Illinois 62234

10. The Permittee shall submit the following additional information with the Annual Emissions Report, due May 1st of each year:
 - a. Quantification of total annual HAP emissions, tons/year
 - b. Breakdown of individual HAP emissions, tons/year

If there have been no exceedances during the prior calendar year, the Annual Emission Report shall include a statement to that effect.

If you have any questions on this permit, please call John Blazis at 217/782-2113.

Donald E. Sutton, P.E.
Manager, Permit Section
Division of Air Pollution Control

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cc: Illinois EPA, FOS Region 3
Illinois EPA, Compliance Unit
USEPA - Lotus Notes

Attachment A

This attachment provides a summary of the maximum emissions of the coating operation operating in compliance with the requirements of this federally enforceable permit. In preparing this summary, the Illinois EPA used the annual operating scenario which results in maximum emissions from such plant. This is using 12,977 gallons/year of color coating with a maximum VOM content of 4.87 lb/gal, 14,872 gallons/year of clear coating with a maximum VOM content of 4.89 lb/gal, 7,150 gallons/year of lacquer thinner with a maximum VOM content of 6.59 lb/gal, induction welding on the weld lines, and low temperature operation of the polypropylene coating operation. The resulting maximum emissions are well below the levels (i. e., 100 tons/year of VOM, 10 tons/year of an individual HAP, and 25 tons/year of total HAPs), at which this source would be considered major for purposes of the Clean Air Act Permit Program. Actual emissions from this source will be less than predicted in this summary to the extent that less material is handled, e.g., less paint used, and control measures are more effective than required in this permit.

Lacquer Coating Lines

<u>Material</u>	Material Usage		VOM	VOM Emissions	
	<u>(Gal/Mo)</u>	<u>(Gal/Yr)</u>	<u>(Lb/Gal)</u>	<u>(Ton/Mo)</u>	<u>(Ton/Yr)</u>
Color Lacquer	1,081	12,977	4.87	2.6	31.6
Clear Lacquer	1,240	14,872	4.89	3.0	36.4
Lacquer Thinner	600	7,150	6.59	<u>2.0</u>	<u>23.6</u>
			Total:	7.6	91.6

Polypropylene Film Coating Operation

VOM Emissions: 0.44 ton/yr
 Particulate Matter Emissions: 0.44 ton/yr

Powder Coat Operation

VOM Emissions: 0.44 ton/yr
 Particulate Matter Emissions: 0.9 ton/yr

Roll Form/Induction Weld Lines

Particulate Matter Emissions: 1.8 tons/yr

Total Emissions Summary

<u>Pollutant</u>	<u>Tons/Year</u>
VOM	92.4
Particulate	3.1

HAP Summary

<u>Pollutant</u>	Emissions	
	<u>(Ton/Mo)</u>	<u>(Ton/Year)</u>
Single HAP (e.g. Toluene)	1.0	9.4
Total HAPs	1.4	16.0

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