

217/782-2113

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT -- RENEWAL

PERMITTEE

Architectural Specialty Products  
Attn: Loren Jahn  
6312 West 74th Street  
Chicago, Illinois 60638

<u>Application No.:</u> 95120169	<u>I.D. No.:</u> 031600FXL
<u>Applicant's Designation:</u> GLUE SPRAY	<u>Date Received:</u> February 15, 2001
<u>Subject:</u> Adhesive Fabricating	
<u>Date Issued:</u> June 27, 2001	<u>Expiration Date:</u> June 27, 2006
<u>Location:</u> 6312 West 74th Street, Bedford Park	

This permit is hereby granted to the above-designated Permittee to OPERATE emission source(s) and/or air pollution control equipment consisting of two adhesive roller machines, two adhesive spray booths and paint applications pursuant to the above-referenced application. This Permit is subject to standard conditions attached hereto and the following special condition(s):

- 1a. This federally enforceable state operating permit is issued to limit the emissions of air pollutants from the source to less than major source thresholds (i.e., 25 tons/year of volatile organic materials (VOM), 10 tons/year for a single hazardous air pollutant (HAP) and 25 tons/year for totaled HAPs). As a result the source is excluded from the requirement to obtain a Clean Air Act Permit Program (CAAPP) permit. The maximum emissions of this source, as limited by the conditions of this permit, are described in Attachment A.
- b. Prior to issuance, a draft of this permit has undergone a public notice and comment period.
- c. This permit supersedes all operating permits issued for this location.
- 2a. This permit is issued based upon adhesive application operations not being subject to the requirements of 35 Ill. Adm. Code Part 218 Subpart PP: "Miscellaneous Fabricated Product Manufacturing Processes". This is consequence of the federally enforceable production and operating limitations, which restrict a potential to emit to less than 25 tons per year.
- b. This permit is issued based upon the painting operations being exempt from control requirements of 35 Ill. Adm. Code 218.204 due to compliance with exemption level of 218.208(a): daily VOM emission from coating operations never exceeding 15 lbs/day.

- c. No person shall cause or allow the discharge of more than 8 lbs/hr of organic material into the atmosphere from any emission unit, except the following exception: If no odor nuisance exists the limitation of this Subpart shall apply only to photochemically reactive material, pursuant to 35 Ill. Adm. Code 218.301.
3. Plant-wide volatile organic materials (VOM) usage and VOM emissions shall not exceed 3.0 tons/month and 24.9 tons/year.

The VOM emissions shall be determined from the following equation on a monthly basis:

$$E = (M_i \times C_i), \text{ Where:}$$

E - VOM emissions (tons)

$M_i$  - VOM-containing raw material usage (tons)

$C_i$  - VOM content of the raw material (wt.%)

These limits define the plant-wide potential emissions of VOM and are based on actual emissions determined by maximum operation and material balance. Compliance with annual limits shall be determined on a monthly basis from the sum of the data for the current month plus the preceding 11 months.

4. 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 Agency. 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 Agency.
5. The Permittee shall maintain records of the following items:
  - a. Monthly and annual usages of glues, adhesives, paints and other VOM-containing materials (tons/month and tons/year) and their VOM content (wt. %);
  - b. Monthly and annual VOM emission calculations.
6. 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.

7. 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.
8. 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  
9511 West Harrison  
Des Plaines, Illinois 600169

9. The Permittee shall submit the following additional information with the Annual Emissions Report, due May 1st of each year: adhesives, paint and solvents usage.

If you have any questions on this, please call Valeriy Brodsky at 217/782-2113.

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

DES:VJB:psj

cc: Illinois EPA, FOS Region 1  
Illinois EPA, Compliance Section  
Lotus Notes

Attachment A - Emission Summary

This attachment provides a summary of the maximum emissions from the miscellaneous fabricated products manufacturing plant operating in compliance with the requirements of this federally enforceable permit. In preparing this summary, the Agency used the annual operating scenario which results in maximum emissions from such a plant. This is the using of glues, adhesives, paints and cleaning product that contains 24.9 tons of VOM. The resulting maximum emissions are below the levels, e.g., 25 tons per year of VOM and 10 tons per year for a single HAP and 25 tons/year for totaled HAPs at which this source would be considered a major source 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 and control measures are more effective than required in this permit.

1. Plant-wide volatile organic materials (VOM) usage and VOM emissions shall not exceed 3.0 tons/month and 24.9 tons/year.

The VOM emissions shall be determined from the following equation on a monthly basis:

$$E = (M_i \times C_i), \text{ Where:}$$

E - VOM emissions (tons);

$M_i$  - VOM-containing raw material usage (tons);

$C_i$  - VOM content of the raw material (wt.%);

2. 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 Agency. 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 Agency.

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