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## Material Safety Data Sheet A-1505

### **Emergency Assistance**

For Chemical Emergency Spill, Leak, Fire or Exposure call 24 hours a day: **CHEMTREC** (800) 424-9300. Outside U.S. call (703) 527-3887. Collect calls accepted.

### **SECTION I PRODUCT IDENTIFICATION**

Product Name: Efflorescence Blocker A-1505  
Product Class: Stain  
HMIS Rating: Health 1 Fire 0 Reactivity 0 0=Least, 1=Slight, 2=Moderate, 3=High, 4=Extreme  
CAS#: Mixture

### **SECTION II PHYSICAL DATA**

Appearance: Liquid  
Odor Characteristic: Ester/Acetic odor  
Specific Gravity: 3.10  
Vapor Density: N/A  
Solubility in Water: Dilatable  
Boiling Point: N/A  
Evaporation Rate: N/A as Material

### **SECTION III FIRE AND EXPLOSION HAZARD DATA**

Flammability Class: N/A  
Flash Point: N/A  
LEL: N/A  
Extinguishing Media Water, CO<sub>2</sub> or Dry Chemical  
Unusual Fire and Explosive Procedures: Wear self-contained breathing apparatus

### **SECTION IV HEALTH HAZARD DATA**

Permissible Exposure Level: The ACGIH TLV and OSHA PEL for vinyl acetate are both set at 100ppm for an 8 hour TWA and at 20 ppm for the STEL

Effects of Overexposure:

- Inhalation: Headache, nausea, irritation of the nose, throat and lungs, vomiting
- Skin Contact: May cause slight irritation
- Eye Contact: May cause irritation
- Ingestion: Causes nausea, dizziness and vomiting

Medical Conditions prone to Aggravation by overexposure: May cause irritation to respiratory tract.

Primary Route(s) of Entry: Inhalation, eye. Ingestion is not a normal hazard in industrial use.

Emergency First Aid Procedures:

- Inhalation overexposure: Move to fresh air. If breathing stops, give artificial respiration and seek immediate medical attention.
- Eye Contact: Flush with large amounts of water for 15 minutes and seek medical attention.
- Skin Contact: Wash thoroughly with soap and water immediately.
- Ingestion: Do not induce vomiting. Obtain medical treatment immediately.

Toxicological Information and Long Term Effects of Overexposure:

Product contains residual vinyl acetate monomer (108-05-4), and IARC 2B possible human carcinogen. Vinyl acetate vapors have been shown to cause tumors in the respiratory tract of laboratory animals exposed to 600 ppm over a lifetime: 200 ppm causes irritation. 50 ppm produces no observable effects. There is no evidence of adverse effects to humans exposed to levels at or below the AGCGIH TLV.

## SECTION V REACTIVITY

Stability: Stable  
 Hazardous Polymerization: Will not occur  
 Hazardous Decomposition Products: Combustion may yield yellow carbon monoxide and/or carbon dioxide and traces of monomer and low levels of organic volatiles.  
 Conditions to Avoid: Keep from freezing  
 Incompatibility (Materials to Avoid): None known

## SECTION VI SPILL OF LEAK PROCEDURES

Steps to take if material is released or spilled: Use dry cleanup methods that do not disperse the dust into the air.

Waste disposal Method: Material can be returned to container for later use if not contaminated, can be disposed of as an industrial waste, mixed with water and discarded as a concrete product.

## SECTION VII SAFE HANDLING AND USE INFORMATION

Respiratory Protection: When spraying, use a NIOSH approved cartridge respirator to keep airborne mists vapor concentrations below the time weighted threshold limit values. When using in poorly ventilated areas, use a fresh air supplying respirator or a self-contained breathing apparatus.

Ventilation: General mechanical ventilation or local. Exhaust should be suitable to keep vapor concentrations below TLV. Ventilation equipment must be explosion proof.

Protective Gloves: Impermeable chemical gloves for skin protection.

Hygienic Practices: Eye washes and safety showers are recommended in the work place.

## SECTION VIII SPECIAL PRECAUTIONS

Handling and Storage: Do not store in temperatures over 120 degrees F. Product contains low levels of organic volatile which may build-up in unvented head space of storage carton. Ventilate sufficiently to keep limits of exposure below TLV's.

Other Precautions: Product may be damaged if allowed to freeze.

### SECTION IX REGULATORY INFORMATION

Transportation: Not regulated by US DOT

Chemical Control Laws: All components of this product are listed or are excluded release reporting under section 33 Vinyl Acetate (108-05-04).

State Right-to-Know Laws: Any material listed as "not hazardous" in the CAS column of the ingredient information section of this MSDS is a trade secret under the provisions of the Pennsylvania worker and community right-to-know act.

California Prop 65: This product contains trace amounts of a component or components known to the State of California to cause cancer: Acrylamide (79-06-1) <0.1%, and Acetaldehyde (75-07-0) <0.1%.

The information herein is general to assist our customers in determining whether our products are suitable for their specific applications. Our products are intended for sale to commercial and industrial customers. We require that customers should inspect and test our products before use to satisfy themselves as to the content and suitability for the applications they intend to use our products for. **Nothing herein shall constitute any warranty expressed or implied, including any warranty of merchantability or fitness for a particular purpose**, nor is any protection from any law or patent to be inferred. The exclusive remedy for all proven claims is replacement of our materials and in no event shall we be liable for incidental consequential damages.