

**Material Safety Data Sheet
For Coatings, Resins and Related Materials**

Manufacturer's Name:
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Section I - Product Identification

Product Number: WC-1 FR Product Name: Vinyl Mastic Weather Barrier, Fire Retardant

Product Class: Latex Based Coating (Mixture) HMIS: 1, 0, 0

Transportation Information: Shipping Class, Paint (no special labels required)

Section II - Hazardous Ingredients

Ingredient	Percent By Weight	Occupational Exposure Limits TLV	Vapor Pressure
Tri(B-Chloroethyl)Phosphate [115-96-8]	<5%	Not established	17.5mmHg 70°F
Vinyl Acetate-Dibutyl Maleate Polymer [25035-90-9]	25% to 30%	Not established	Not available
Hexylene Glycol [107-41-5]	0.6%	25ppm(ceiling ACGIH)	.05mmHg 68°F
Chlorinated Paraffin [61788-769-9]	<7%	Not established	Not available

Section III - Physical Data

Boiling Range: 212°F Vapor Density: Lighter than air pH: 8.0 to 9.0

Evaporation Rate: Slower than ether Volatile Volume: 49% Wt/Gal: 10.2 lbs.

Specific Gravity: 1.23 Solubility in Water: Appreciable Freezing Point: 25°F (-4°C)

Viscosity: Approximately 100,000 centipoise (spray grade); approximately 200,000 centipoise (trowel grade)

Decomposition Temperature: Approximately 240°F (115°C) VOC: 50gms/L; .417 lb/gal

Section IV - Fire and Explosion Hazard Data

Flammability Classification: Flash Point: No flash to boiling 212°F (TCC); OSHA - IIIIB; DOT - Not regulated
LEL: Not available

Extinguishing Media: Foam, Alcohol Foam, CO₂, Dry Chemical, Water Fog

Unusual Fire and Explosion Hazards: None known

Special Firefighting Procedure: Product will not burn until water has boiled or evaporated. For dried film or residual solids, full protective equipment is recommended, including self-contained breathing apparatus.

We believe the information here is current as of the date of this MSDS. Please study it carefully and apply appropriate engineering controls and industrial hygiene practices. As the conditions of use of this product and information are not within our control, it is the user's obligation to determine the conditions of safe use.

Section V - Health Hazard Data

A TLV for this mixture has not been established. Therefore, the following effects of overexposure are those of the components listed in Section II.

Tri (B-Chloroethyl) Phosphate: Mildly irritating to skin (LD₅₀, rabbits 2150 mg/kg). Ingestion: LD₅₀ rats 500 mg/kg. Tremors, muscular spasms, labored breathing, lacrimation, salivation, and excess urination.

Vinyl Acetate (Residual Monomer): Contains trace residual monomer which is toxic if inhaled in high concentrations and may cause respiratory and skin irritation. **Hexylene Glycol:** In high concentrations, can be irritant to eyes, skin, and mucous membranes. Large oral doses produce narcosis. Oral LD₅₀(rat) - 4.7 g/kg.

Chlorinated Paraffin: Under normal use, considered nontoxic by any route of exposure. Chronic exposure would suggest a slight hazard with the liver being the probable target organ.

Medical Conditions Prone to Aggravation by Exposure: None known Primary Routes of Entry: Dermal of Inhalation

Emergency and First Aid Procedure: *Skin:* wash with soap and water. *Eyes:* flush with clean water at least 15 minutes. If irritation persists, consult physician. *Inhalation:* remove to fresh air. If breathing is difficult, administer oxygen. If irritation persists, consult physician. *Ingestion:* give two glasses of water, induce vomiting, consult physician or poison control center. **Never give anything by mouth to an unconscious person.**

Section VI - Reactivity Data

Stability: Stable Hazardous Polymerization: Will not occur Conditions to avoid: None known

Hazardous Decomposition Products: Thermal decomposition will yield CO, CO₂, HPO_x, HCl, and fragmented short-chain hydrocarbons.

Incompatibility (Materials to Avoid): Materials incompatible with water.

Section VII - Spill or Leak Procedures

Steps to be Taken in Case Material is Released or Spilled: Major spills should be collect for disposal. Minor spills may be flushed to sewer if regulations permit. Before drying, product may be washed away with water; after drying, remove with a paint scraper, or strong solvent.

Waste Disposal Method: In accordance with all applicable regulations. Review hazard section of this sheet before attempting cleanup. Empty containers are non hazardous under RCRA as industrial waste.

Section VIII - Safe Handling and Use Information

Respiratory Protection: In restricted ventilation areas, use approved chemical vapor respirator. In applications where mists or spray may be generated, avoid inhalation of airborne particulates by using an approved respirator with organic vapor cartridge with prefilter for mist or dust.

Ventilation: General (mechanical) room ventilation is expected to be satisfactory. Other Protective Equipment: None

Protective Gloves: Impervious gloves Eye Protection: Goggles, faceshield, or other eye wear to protect from splash.

Hygienic Practices: Thoroughly cleanse hands after handling. Launder contaminated clothing before reuse.

Section IX - Special Precautions

Precautions to be Taken in Handling and Storing: Avoid breathing vapors and application to hot surfaces, as vapor may be irritating. Keep container closed. Use with adequate ventilation. Store indoors at temperatures of 40°F to 90°F.

Other Precautions: For Industry/professional use only. Not intended for retail sale or use by individual consumers. Do not reuse container for potables or edibles.

Section X - Sara Status

This mixture contains the following materials regulated under Section 313: None

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