

Material Safety Data Sheet For Coatings, Resins and Related Materials

Manufacturer's Name:
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Section I - Product Information

Product Number: Protectokote

HMIS: 1, 0, 0

Product Name: Fire Retardant Coating – Spray, Brush or Caulk

Product Class: Acrylic Latex – water based coating (mixture)

Transportation Information: Shipping Class 55, Paint - Non Hazardous water base material (no special labels required)

Section II - Hazard Ingredients

Ingredient	Percent By Weight	Occupational Exposure Limits TLV	Vapor Pressure
Isopropylated Triphenyl Phosphate [68937-41-7]	<5%	Not established	.25mmHg 320°F

None of these ingredients is listed by OSHA, NTP, or IARC as a suspect or proven carcinogen.

Section III - Physical Data

Boiling Range: 212°F Vapor Density: Lighter than air pH: 8.0 to 9.0 Wt/Gl: 12.5 lbs.

Evaporation Rate: Slower than ether Auto Ignition: Not established Specific Gravity: 1.5

Viscosity: 2mm centipoises (approx.) caulk ; 10m centipoises (approx) spray; 25m centipoises (approx) brush

Volatile Volume: 30% Solubility in Water: Appreciable Shelf Life: 12 mos. (extendable)

Decomposition Temperature: 240°F (115°C) (approx.) Freezing Point: 25°F (-4°C)

Appearance: Viscous, gray paste with mild latex odor. VOC: 0.40 lb/gal (48 g/l) less water;

Section IV - Fire And Explosion Hazard Data

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

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.

Section V - Health Hazard Data

A TLV for this mixture has not been established.

Health Hazard -- minor eye irritant

Medical Conditions Prone to Aggravation by Exposure: Persons with preexisting lung disorders may be more susceptible.

Primary Routes of Entry: Dermal or Inhalation

Emergency and First Air 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

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

Hazardous Decomposition Products: Thermal decomposition will yield CO, CO₂, trace amounts of ammonia and formaldehyde and acidic vapor of phosphorus oxide.

SECTION VII - SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled: Follow Section VIII handling procedures. Ventilate area. Contain the liquid with inert materials such as sand. Absorb liquids using an inert material & shovel into containers. Prevent product from entering streams or drinking water supplies. 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 with local exhaust. Protective Gloves: Impervious gloves

Other Protective Equipment: None Eye Protection: Goggles, faceshield, or other eyewear 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 vapors may be irritating. Keep container closed. Use with adequate ventilation. Store indoors at temperatures of 45°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

We believe the information contained 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.