

Material Safety Data Sheet

Section 1: Product Information

Manufacturer's Name / Address: Versatile Building Products 245 Carl Karcher Way Anaheim, CA 92801 Info. Phone: 714-829-2600 24 Hour Emergency Phone: INFOTRAC – (800)-535-5053	Trade Name: 41 Epoxy Accelerator Chemical Family: Aliphatic Polyamine Intended Use: Architectural Coating
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Section 2: Hazardous Ingredients

<u>Hazardous Component</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other Limits</u>	<u>% (Optional)</u>
Tris-2,4,6(dimethylaminomethyl)phenol(90-72-2)	NE	NE	ND	<95
Bis(dimethylaminomethyl)phenol(71074-89-0)	NE	NE	ND	<5

VOC of Component: 0g/L

VOC As Applied: 0g/L

Section 3: Physical Data

Boiling Point (°C): >100 Vapor Pressure: <0.01 Vapor Density: ND (Air = 1) Solubility in Water: <1.0% Freezing Point: ND Coefficient of Oil/Water Distribution: Appearance and Odor: Odor Threshold:	Specific Gravity: 0.97 Melting Point: ND Evaporation Rate: ND (Butyl Acetate = 1) pH: Alkaline ND Yellow liquid with amine-like odor ND
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Section 4: Fire and Explosion Hazard

Flash Point (°C): Conditions of Flammability: Flammable Limits: Autoignition Temperature (°C): Hazardous Combustion Products: Sensitivity to Impact: Sensitivity to Static Discharge: Extinguishing Media: Special Firefighting Procedures: Unusual Fire and Explosion Hazards:	>148 Degree C <298 F (Closed Cup) ND LEL: ND UEL: ND ND Carbon Dioxide, Carbon Monoxide, Oxides of Nitrogen (NOx) None ND Foam, dry chemical, carbon dioxide A face shield should be worn. Protective apparel of butyl rubber gloves, boots, and bodysuit should be worn, along with self-contained breathing apparatus. May generate toxic and irritating combustion products. Personnel in vicinity and downwind should be evacuated.
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Section 5: Health Hazard Data

Primary Routes of Entry: Eye Inhalation Skin Contact Ingestion

Overexposure Effects: Irritation and burning of the eyes, skin, and respiratory tract.

Conditions Aggravated by Exposure: Allergic reaction, sensitization, chronic respiratory disease, skin disorders.

Health Hazards (Acute and Chronic Exposures):

Eyes

Acute:

Lacrimation, conjunctivitis, and corneal edema when absorbed through eye tissue. Burns to eye may cause blindness. Blue halo, fog, or haze may appear around lights and is a transient effect.

Chronic:

Burns may cause blindness.

Skin Contact

Acute:

Dryness, itching, and/or rash. Burns, necrosis, and/or permanent injury.

Chronic:

Repeated or prolonged exposure may cause allergic reaction/sensitization.

Skin Absorption

Acute:

Nausea, headache, general discomfort.

Chronic:

ND

Inhalation

Acute:

Irritation of the respiratory tract. Shortness of breath, tightness and pain in the chest. May cause scarring of the tract tissue.

Chronic:

Dryness of nasal passages may result from long periods of inhalation.

Ingestion

Acute:

Causes damage to the mucous membranes if swallowed. Burns and necrosis of the tract.

Chronic:

ND

Emergency and First Aid Procedures:

General:

Treat symptomatically. Give artificial respiration if not breathing. Seek medical assistance as necessary.

Eyes:

Hold eyelids apart and immediately flush with water for a minimum of 15 minutes. Seek medical attention immediately.

Skin:

Immediately flush skin with water for at least 15 minutes while removing contaminated clothing and shoes.

Inhalation:

Remove to fresh air. Seek medical attention if symptoms persist.

Ingestion:

DO NOT INDUCE VOMITING. If conscious, give affected person milk or water to dilute ingested material. Get medical attention immediately.

Carcinogenic Data:

NTP: No

OSHA: No

IARC: No

Toxicological Data:

Acute Oral Toxicity (LD50, Rat) 1000mg/KG (Estimated) Acute Dermal Toxicity (LD50, Rabbit) >2800mg/KG (Estimate)

Section 6: Reactivity Data

Chemical Stability: Stable Unstable

Conditions to Avoid: ND

Incompatibility (Materials to Avoid) : Mineral acids, organic acids, oxidizing agents, and reactive metals. Avoid contact with nitrous acid, nitrates, or high atmospheres of nirtous oxides as N-Nitrosamines (highly carcinogenic) may be formed.

Hazardous Decomposition Products: Ammonia when heated. Nirosamines, aldehydes. From combustion - nitric acid, NOx, carbon monoxide.

Hazardous Polymerization (Reactivity) : May Occur Will Not Occur

Section 7: Spill and Leak Procedures:

Steps to be Taken in Case of Material Release or Spillage: Avoid contact with material. Clear area of non-essential personnel. Personnel wearing appropriate protective equipment should stop spill at source, contain spill, and pump material to salvage tank. Residual liquid should be taken up with clay, diatomaceous earth or other absorbent and collected in disposal container.

Waste Disposal Methods: Dispose of material in accordance with Federal, state, and local regulations.

Ecological Information: ND

Ecotoxicity: ND

Section 8: Special Protection Information

Engineering Controls: Adequete, and/or auxiliary ventilation required to avoid breathing vapors. Eye wash station and emergency shower should be in close proximity.

Respiratory Protection: NIOSH approved respiratory protection against organic vapors is required in absence of proper environmental control. For emergencies, and self-contained breathing apparatus should be worn.

Protective Gloves: Impervious gloves of butyl or neoprene rubber must be worn when handling material.

Eye Protection: Splash proof goggles or full-face shield must be worn when handling material.

Other protective Equipment: Clean, body-covering should be worn to protect exposed skin.

Section 9: Handling and Storage

General: Store away from acids and oxidizers. Keep in cool, dry, ventilated storage area. Store in steel containers, preferably outdoors, above ground, with leak containment precautions in place.

Section 10: Supplemental Information**Health:** 3**Flammability:** 1**Reactivity:** 0**DOT Proper Shipping Name:** Amines, liquid, corrosive, n.o.s. (Tris-2,4,6-(dimethylaminomethyl)phenol)**Hazard Class:** 8**UN Number:** 2735**Packing Group:** I**IMO Shipping Data:** See bill of lading**ICAO/IATA Shipping Data :** Amines, liquid, corrosive, n.o.s. (Tris-2,4,6-(dimethylaminomethyl)phenol/8/UN2735/PGI)**TSCA (Toxic Substance Control Act) :**

All components of this product are listed in the TSCA chemical substance inventory.

CERCLA (Comprehensive Response Compensation and Liability Act):

ND

SARA Title III:

Section 312: Immediate Health Hazard, Delayed Health Hazard.

Section 313: None

California Proposition 65: Below is a list of compounds known to the State of California to cause cancer, birth defects, or other reproductive harm:

None

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