

Material Safety Data Sheet

Section 1: Product Information

Manufacturer's Name / Address: Versatile Building Products 20420 S. Susana Road Carson, CA 90810 Info. Phone: 310-632-6500 24 Hour Emergency Phone: INFOTRAC – (800)-535-5053	Trade Name: 4010 B Component Chemical Family: Bisphenol A Epoxy Intended Use: Architectural Coating
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Section 2: Information on Ingredients

<u>Ingredient (CAS #)</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other Limits</u>	<u>% (Optional)</u>
Bisphenol A Epichlorohydrin Resin (25068-38-6)	NE	NE	ND	>50
1-Methoxy-2-propanol (000107-98-2)	ND	ND	ND	10-25
2,2,4-Trimethyl-1, 3-Pentanediolmonoisobutyrate (025265-77-4)	NE	NE	ND	2-8

VOC of Component: 22g/L

VOC As Applied: 50 g/L

Section 3: Physical Data

Boiling Point (°C):	NE	Specific Gravity:	1.08
Vapor Pressure:	NE	Melting Point:	NE
Vapor Density: (Air = 1)	>1	Evaporation Rate: (Butyl Acetate = 1)	<1
Solubility in Water:	Appreciable (10-30%)	pH:	ND
Freezing Point	NE		
Coefficient of Oil/Water Distribution:			ND
Appearance and Odor:			Clear liquid with a phenolic odor
Odor Threshold:			ND

Section 4: Fire and Explosion Hazard

Flash Point (°C):	>93.33
Conditions of Flammability:	ND
Flammable Limits:	LEL: NE UEL: NE
Autoignition Temperature (°C):	ND
Hazardous Combustion Products:	Carbon monoxide, oxides of nitrogen (NOx)
Sensitivity to Impact:	None
Sensitivity to Static Discharge:	ND
Extinguishing Media:	Large Fire: Water spray, alcohol foam. Small Fire: Carbon dioxide, dry chemical, dry sand or limestone.
Special Firefighting Procedures:	Firefighters should wear butyl rubber boots, gloves, bodysuit, and self-contained breathing apparatus. Cool fire exposed containers with water spray to prevent rupture.
Unusual Fire and Explosion Hazards:	Heated tanks may rupture. May generate toxic or irritating combustion products. Hazardous reaction may occur if exposed to oxidizers.

Section 5: Health Hazard Data

Primary Routes of Entry: Eye Inhalation Skin Contact Ingestion

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

Conditions Aggravated by Exposure: Asthma, chronic respiratory disease, eye disease, skin disorders and allergies.

Health Hazards (Acute and Chronic Exposures):**Eyes**

Acute:

Conjunctivitis and corneal damage may occur.

Chronic:

ND

Skin Contact

Acute:

Moderate irritation and redness.

Chronic:

Rash, irritation, and/or corrosion may result from repeated or prolonged exposure. Skin sensitization may occur.

Skin Absorption

Acute:

May cause drowsiness.

Chronic:

May cause nervous system depression.

Inhalation

Acute:

Irritation, tightness of chest, shortness of breath.

Chronic:

ND

Ingestion

Acute:

Irritation of the tract.

Chronic:

ND

Emergency and First Aid Procedures:**General:**

Treat symptomatically. If not breathing, administer artificial respiration. Seek medical assistance as necessary.

Eyes:

Immediately flush eyes with water for 15 minutes while holding the eyelids apart. Seek immediate medical attention.

Skin:

Remove contaminated clothing. Do not reuse contaminated clothing unless thoroughly cleaned. Wash effected areas with water and mild soap for 15 minutes. Seek medical attention if symptoms persist.

Inhalation:

Move effected person to fresh air. If breathing is labored or has stopped, and effected person is conscious, administer assisted respiration. If unconscious and not breathing, administer artificial respiration. Prevent aspiration of vomit by turning effected persons head to the side. Seek medical advice.

Ingestion:

If swallowed, contact a medical physician immediately. Remove stomach contents by gastric suction or induce vomiting AS DIRECTED BY MEDICAL PERSONNEL.

Carcinogenic Data:

NTP: No

OSHA: Not listed.

IARC: No

Toxicological Data:

ND

Section 6: Reactivity Data

Chemical Stability: Stable Unstable

Conditions to Avoid: NA

Incompatibility (Materials to Avoid) : Oxidizing agents. Sodium or Calcium Hypochlorite. Peroxides.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, irritating and toxic vapors at elevated temperatures.

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: Shut off sources of ignition. Equip response crew with protective apparel and equipment as necessary. Stop leak at source. Contain spill and obstruct from entering groundwater and sewers. Collect material by pump, vacuum, or absorbent material into disposal container.

Waste Disposal Methods: Dispose in accordance with federal, state, and local regulations.

Ecological Information: ND

Ecotoxicity: ND

Section 8: Special Protection Information

Engineering Controls: Keep exposure to feasible minimum with normal and auxiliary ventilation. Eye wash station and emergency shower should be in close proximity.

Respiratory Protection: Not required under normal working conditions with adequate ventilation. Under elevated exposure, a NIOSH approved respirator for organic vapors is should be worn.

Protective Gloves: Neoprene, butyl rubber, or nitrile gloves must be worn when handling the material.

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

Other protective Equipment: Impervious protective clothing should be worn to protect all exposed skin.

Section 9: Handling and Storage

General: Store away from oxidizers. Keep in cool, dry, ventilated storage in closed containers.

Section 10: Supplemental Information**Health:** 2**Flammability:** 1**Reactivity:** 0**DOT Proper Shipping Name:** Resin compound, Not regulated for non-bulk transport.**Hazard Class :** NA**UN Number:** NA**Packing Group:** NA**IMO Shipping Data:** See bill of lading.**ICAO/IATA Shipping Data :** Not regulated.**TSCA (Toxic Substance Control Act) :**

All substance contained in this product are listed in the TSCA inventory list.

CERCLA (Comprehensive Response Compensation and Liability Act):

None

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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