

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: 5000 Polyurea A-Comp. Chemical Family: Polyol mixture 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>
Amine Polyol mixture	NE	NE	NE	85-100

VOC of Component: 0g/L

VOC As Applied: 0 g/L

Section 3: Physical Data

Boiling Point (°C):	ND	Specific Gravity:	1.0-1.1
Vapor Pressure:	ND	Melting Point:	NE
Vapor Density: (Air = 1)	ND	Evaporation Rate: (Butyl Acetate = 1)	<1
Solubility in Water:	Partly soluble	pH:	ND
Freezing Point	ND		
Coefficient of Oil/Water Distribution:			ND
Appearance and Odor:			Clear to slightly opalescent w/ solvent odor.
Odor Threshold:			ND

Section 4: Fire and Explosion Hazard

Flash Point (°C):	>93
Conditions of Flammability:	NA
Flammable Limits:	LEL: ND UEL: ND
Autoignition Temperature (°C):	ND
Hazardous Combustion Products:	Carbon monoxide, carbon dioxide, NOx, Ammonia
Sensitivity to Impact:	None
Sensitivity to Static Discharge:	May ignite product.
Extinguishing Media:	Dry foam and chemicals, carbon dioxide, water.
Special Firefighting Procedures:	Use self-contained breathing apparatus and impermeable clothing.
Unusual Fire and Explosion Hazards:	Heated containers may rupture. Cool containers with water spray.

Section 5: Health Hazard Data**Primary Routes of Entry:** Eye Inhalation Skin Contact Ingestion**Overexposure Effects:** Dizziness, nausea, headaches, drowsiness, unconsciousness and death.**Conditions Aggravated by Exposure:** Existing skin dermatitis and rashes may be aggravated by exposure.**Health Hazards (Acute and Chronic Exposures):****Eyes**

Acute:

None

Chronic:

ND

Skin Contact

Acute:

Irritation, redness, and pain.

Chronic:

ND

Skin Absorption

Acute:

ND

Chronic:

ND

Inhalation

Acute:

Irritation of the respiratory tract. Labored breathing. Dizziness, headache, unconsciousness, and death.

Chronic:

Kidney damage and severe pulmonary injury may occur.

Ingestion

Acute:

Irritation of the gastrointestinal tract. Nausea.

Chronic:

ND

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

Treat symptomatically. If not breathing administer artificial respiration.

Eyes:

Immediately rinse eyes with a direct stream of water for 15 minutes while holding the eyelids open. Seek medical attention if symptoms persist.

Skin:

Remove contaminated clothing, jewelry and shoes. Immediately wash contaminated skin with abundant water and mild soap. If symptoms persist seek medical advice.

Inhalation:

Remove effected person to fresh air. Administer artificial respiration if not breathing and unconscious. Give oxygen if breathing is labored. Seek medical attention.

Ingestion:

DO NOT INDUCE VOMITING. Seek medical attention immediately.

Carcinogenic Data:**NTP:** Not regulated**OSHA:** Not regulated**IARC:** Not regulated**Toxicological Data:**

Based on most toxic component: Oral LD50 >2000g/kg. Dermal-slight to moderate irritant

Section 6: Reactivity Data

Chemical Stability: Stable Unstable

Conditions to Avoid: Excessive heat and cold.

Incompatibility (Materials to Avoid) : Strong oxidizers, concentrated acids.

Hazardous Decomposition Products: From combustion: Carbon monoxide, carbon dioxide, NOx

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: Evacuate non-essential personnel. Remove sources of ignition. Ventilate area. Contain spill. Notify proper authorities as necessary. Cover spill with absorbant material. Collect spill in appropriate waste container.

Waste Disposal Methods: Dispose of material in accordance with local, state and federal regulation.

Ecological Information: Low potential to effect aquatic organisms. Low potential to bioconcentrate.

Ecotoxicity: Based on most hazardous component: 96-h LC-50 (fathead minnow) : 66 mg/L 48 - h EC50(dphnid): 88.6 mg/L

Section 8: Special Protection Information

Engineering Controls: Ventilation to maintain TWA and STEL exposure limits. Shut off all open sources of ignition.

Respiratory Protection: NIOSH approved respirator capable of filtering organic solvents must be worn when handling product.

Protective Gloves: Neoprene or butyl rubber gloves must be worn when handling the product. NO Vinyl gloves.

Eye Protection: Chemical goggles or face shield must be worn when handling the product. Use of contact lenses is not advised.

Other protective Equipment: Eye wash station and emergency shower should be in close proximity to areas where product is being handled. Impermeable clothing should be worn. Clean contaminated clothing before reuse.

Section 9: Handling and Storage

General: Store away from open sources of ignition, excessive heat, excessive cold, oxidizers, strong acids; store in well ventilated areas.

Section 10: Supplemental Information**Health:** 2**Flammability:** 1**Reactivity:** 0**DOT Proper Shipping Name:** Polyols mixture**Hazard Class:** Non-Regulated**UN Number:** Non-Regulated**Packing Group:** NA**IMO Shipping Data:** Non-Regulated**ICAO/IATA Shipping Data:** Non-Regulated**TSCA (Toxic Substance Control Act) :**

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

CERCLA (Comprehensive Response Compensation and Liability Act): None reported**SARA Title III:**

Section 311/312 Immediate health hazard,

Section 313 Reportable Ingredients: 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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