

## Material Safety Data Sheet

### Section 1: Product Information

<b>Manufacturer's Name / Address:</b> Versatile Building Products 20420 S. Susana Road Carson, CA 90810 <b>Info. Phone:</b> 310-632-6500 <b>24 Hour Emergency Phone:</b> INFOTRAC – (800)-535-5053	<b>Trade Name:</b> <b>Chemical Family:</b> 4800 Clearseal B-Comp. Cycloaliphatic Amine Mixture  <b>Intended Use:</b> Curing Agent for 4800 Clearseal A-comp.
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**Initial Issue Date:** 7/1/4      **Revision Date:** 3/5/7      **Prepared By:** P. Dalvi

### Section 2: Information on Ingredients

<u>Ingredient (CAS #)</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other Limits</u>	<u>% (Optional)</u>
Benzyl Alcohol (100-51-6)	NE	NE	ND	< 25
Isophoronediamine (2855-13-2)	NE	NE	ND	>50

**VOC of Component:** 0g/L

**VOC As Applied:** 0g/L

### Section 3: Physical Data

<b>Boiling Point (°C):</b> >200 <b>Vapor Pressure:</b> <1.0 <b>Vapor Density:</b> ND (Air = 1) <b>Solubility in Water:</b> <1.0% <b>Freezing Point:</b> ND <b>Coefficient of Oil/Water Distribution:</b> <b>Appearance and Odor:</b> <b>Odor Threshold:</b>	<b>Specific Gravity:</b> 1.01 <b>Melting Point:</b> NA <b>Evaporation Rate:</b> ND (Butyl Acetate = 1) <b>pH:</b> Alkaline  ND Pale yellow liquid with amine odor ND
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### Section 4: Fire and Explosion Hazard

<b>Flash Point (°C):</b> <b>Conditions of Flammability:</b> <b>Flammable Limits:</b>  <b>Autoignition Temperature (°C):</b> <b>Hazardous Combustion Products:</b> <b>Sensitivity to Impact:</b> <b>Sensitivity to Static Discharge:</b> <b>Extinguishing Media:</b> <b>Special Firefighting Procedures:</b>  <b>Unusual Fire and Explosion Hazards:</b>	>93 Degree (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 effected 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.**Hazard Class:** 8**UN Number:** 2735**Packing Group:** III**IMO Shipping Data:** See bill of lading**ICAO/IATA Shipping Data :** Amines, Corrosive Liquid N.O.S//UN2735//PGIII**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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