

## Material Safety Data Sheet

### Section 1: Product Information

<b>Manufacturer's Name / Address:</b> Versatile Building Products, Inc. 245 Carl Karcher Way Anaheim, CA 92801 <b>Info. Phone:</b> 714-829-2600 <b>24 Hour Emergency Phone:</b> INFOTRAC (800) 535-5053	<b>Trade Name:</b> 5310 CRU 100 A-Comp. <b>Chemical Family:</b> Polyester Polyol Solution  <b>Intended Use:</b> Architectural Coating
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**Initial Issue Date:** 1/25/6      **Revision Date:** 4/25/6      **Prepared By:** P. Dalvi

### Section 2: Hazardous Ingredients

<u>Hazardous Component</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other Limits</u>	<u>% (Optional)</u>
Propylene Glycol Monomethyl Ether Acetate (CAS 108-65-6)	NE	NE	ND	1-3
Butyl Acetate (CAS # 123-86-4)	NE	NE	ND	1-3

**VOC of Component:** 146.4g/L

**VOC As Applied:** 100 g/L

### Section 3: Physical Data

<b>Boiling Point (°C):</b>	ND	<b>Specific Gravity:</b>	1.1-1.2
<b>Vapor Pressure:</b>	ND	<b>Melting Point:</b>	NE
<b>Vapor Density:</b> (Air = 1)	3.7	<b>Evaporation Rate:</b> (Butyl Acetate = 1)	<1
<b>Solubility in Water:</b>	Partial	<b>pH:</b>	ND
<b>Freezing Point</b>	ND		
<b>Coefficient of Oil/Water Distribution:</b>			ND
<b>Appearance and Odor:</b>			Clear to cloudy clear w/ solvent odor.
<b>Odor Threshold:</b>			ND

### Section 4: Fire and Explosion Hazard

<b>Flash Point (°C):</b>	>37.7
<b>Conditions of Flammability:</b>	NA
<b>Flammable Limits:</b>	LEL: ND UEL: ND
<b>Autoignition Temperature (°C):</b>	ND
<b>Hazardous Combustion Products:</b>	Carbon monoxide, carbon dioxide, NOx
<b>Sensitivity to Impact:</b>	None
<b>Sensitivity to Static Discharge:</b>	May ignite product.
<b>Extinguishing Media:</b>	Dry foam, chemical, carbon dioxide.
<b>Special Firefighting Procedures:</b>	Use self-contained breathing apparatus and impermeable clothing.
<b>Unusual Fire and Explosion Hazards:</b>	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:** Respiratory tract conditions such as asthma and bronchitis: existing skin dermatitis and rashes may be aggravated by exposure.

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

**Eyes**

Acute:

Irritation and redness.

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:**

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: ND

OSHA: ND

IARC: Suspected 2B Carcinogen: Ethylbenzene (traceable impurity from xylene)

**Toxicological Data:**

Based on most toxic component: ORAL LD50(Rat) >42g/KG, Dermal LD50 (Rabbit) 25g/KG, LC50 (Rat) 21750ppm

**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) : 161mg/L 48 - h LC50(dphnid): 408mg/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.

**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:** 1**Flammability:** 2**Reactivity:** 0**DOT Proper Shipping Name:** Resin Solution - Flammable**Hazard Class :** 3**UN Number:** UN1866**Packing Group:** II**IMO Shipping Data:** Resin Solution//3//UN1866//PGII - Flammable Labels**ICAO/IATA Shipping Data :** Resin Solution//3//UN1866//PGII - Flammable Labels**TSCA (Toxic Substance Control Act) :**

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

**CERCLA (Comprehensive Response Compensation and Liability Act):**

Reportable quantity Xylene (CAS# 1330-20) 100lbs

**SARA Title III:**

Section 311/312 Immediate health hazard, Delayed health, Fire.

Section 313 Reportable Ingredients: Xylene (CAS 1330-20-7), Ethyl Benzene (CAS 100-41-4)

**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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