

**Material Safety Data Sheet**

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

**U. S. Department of Labor**

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

<b>IDENTIFY (As used on label)</b> Perma-Lock # 27106, 27113, 27136		NOTE: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate it.	
<b>Section I</b>			
Manufacture's Name: J-B WELD COMPANY, LLC			
Address (Number, Street, City, State and ZIP Code)		Telephone Number for Information: 1-800-529-3530	
1130 COMO STREET		Data Prepared: 02/09/11	
SULPHUR SPRINGS, TX 75482		Signature of Preparer (Optional)	
<b>Section II – Hazardous Ingredients/Identity Information</b>			
Hazardous Components (Specify Chemical Identity: Common Name(s) OSHA PEL ACGIH TLV Other Limits Recommended % Optional)			
Polyglycol Dimethacrylate	25852-47-5		60–90
Polyester Resin	Trade Secret		10–30
Cumene Hydroperoxide*	80-15-9		1–5
Saccharin*	81-07-2		1–5
Methanol*	67-56-1		0.1–1.0
NN Di-Alkyltoluidine	613-48-9		0.1–1.0
Optical brightner	Trade Secret		0.05 – 0.15
Cumene	98-82-8		0.05 – 0.15
*This component is listed as SARA Section 313 Toxic Chemicals.			
<b>Section III – Physical/Chemical Characteristics</b>			
Boiling Point	> 400°F @ 760mm	Specific Gravity (H2O=1) 20 C	1.1 – 1.13
Vapor Pressure (mm Hg)	<5	Melting Point	N/A
Vapor Density (AIR = 1)	1.01	Evaporation Rate (Butyl Acetate = 1)	Low
Solubility in Water Slight			
Appearance and Odor: Thin red liquid, mild organic odor			
<b>Section IV – Fire and Explosion Hazard Data</b>			
Flash Point (Method Used)	>212°F TOC	Flammable Limits	LEL N/A UEL N/A
Extinguishing Media: Use fire extinguisher with class B extinguishing agents (e.g., dry chemical, carbon dioxide)			
Special Fire Fighting Procedures: Self contained breathing apparatus. Water may not effectively extinguish fire. It may be used to keep containers and surfaces cool and prevent explosive rupture.			
Unusual Fire and Explosion Hazards: Irritating Organic Vapors			
<b>Section V – Health Hazard Data</b>			
Threshold Limit Value: Cumene: ACGIH:TWA 50 ppm; OSHA: TWA 50 ppm, Cumene hydroperoxide AIHA: 1 ppm (cutaneous) Methanol: ACGIH:TWA 200 ppm, STEL 250 ppm ; OSHA: TWA 200 ppm, STEL 250 ppm (cutaneous) Effects of overexposure: <b>Skin:</b> Moderate skin irritation. Prolonged skin contact may result in dermatitis in sensitive persons. <b>Eyes:</b> Severe eye irritant. Signs/symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea and impaired vision. Vapors released during cure may cause eye irritation. <b>Inhalation:</b> Respiratory tract irritation: signs/symptoms may include coughing, sneezing, nasal discharge, headache, hoarseness and nose and throat pain. <b>Ingestion:</b> Gastrointestinal irritation. May include abdominal pain, stomach upset, nausea, vomiting and diarrhea.			

**Target Organ effects:** Prolonged or repeated exposure may cause neurological effects such as personality changes, lack of coordination, sensory loss, tremors, and/or changes in blood pressure and heart rate. Contains a chemical or chemicals which can cause birth defects or other reproductive harm.

Emergency and First Aid Procedures:

**Skin:** Remove contaminated clothing and shoes. Wash with abrasive soap and water. Acetone or alcohol may be helpful. Wash contaminated clothing and clean shoes before reuse.

**Eyes:** Immediately flush with plenty of water for 15 minutes. Seek medical attention.

**Inhalation:** Remove person to fresh air. If signs/symptoms develop seek medical attention.

**Ingestion:** Do not induce vomiting unless instructed to do so by medical personnel. Give victim two glasses of water. Get immediate medical attention for ingesting methacrylates.

**Section VI – Reactivity Data**

Stability	Unstable		Conditions to Avoid: Reducing agents
	Stable	X R	

**Incompatibility (Materials to avoid):**

Heat; Light; Strong oxidizing materials

Hazardous Decomposition Products:

During combustion: formaldehyde, oxides of carbon, nitrogen and sulfur

Hazardous Polymerization	May occur	X	Conditions to Avoid: Temperatures in excess of 150°F
	Will not occur		

**Section VII – Spill or Leak Procedures**

Steps to be taken in case material is to be released or spilled:

Soak up with inert absorbent. Dispose into closed container.

Waste Disposal Method:

Landfill or incinerate in accordance with EPA and Local regulations.

EPA Hazardous waste number (RCRA): Not regulated.

**Section VIII – Special Protective Information**

**Respiratory Protection (Specify Type)**

None needed for normal use.

Ventilation	Local Exhaust Recommended	Special None
	Mechanical Not Applicable	Other None

**Protective Gloves:**

Butyl rubber, Viton, Neoprene or PVA gloves

**Eye Protection:**

Safety Glasses with side shields

**Other Protective Equipment:**

Eye wash stations and safety showers.

**Section IX – Special Precautions**

Precautions to be taken in handling and storing:

Store in a cool dry place and out of direct sunlight.

Other Precautions:

Keep away from children. Avoid contact with skin, eyes and clothing.

**Section X – Regulatory Information**

Sara (311,312) Hazard class: Acute Health Hazard, Chronic Health Hazard

Section 313 Toxic chemical reporting requirements: Cumene hydroperoxide 1-5 wt%. (10 pounds)

TSCA 8 (b) Inventory status: All components are listed or exempt from listing on the TSCA Inventory.

Estimated HMIS Code: Health Hazard (2) Fire Hazard (1) Reactivity (1)

WHMIS Hazard Class: D2B

**Section X – Transportation Information**

DOT (49 CFR 172)

Proper Shipping Name: Unrestricted

UN#: None

Packaging Group: None

Hazard Classification: Unrestricted

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