

Material Safety Data Sheet

TC-1642 PART B

Date of Preparation: 07/03/2003

Revision: 07/03/2003

Section 1 - Chemical Product and Company Identification

Product Name: TC-1642 PART B

Product Class: Polyurethane curing agent

Chemical Type: Polyglycols, hydrocarbons/ester diluants, with dispersed mineral fillers.

Manufacturer: BJB Enterprises, Inc., 14791 Franklin Avenue, Tustin, CA 92780, Phone (714) 734-8450, Fax (714) 734-8929, (M-Th: 8-4:30, F: 7:30-4), Emergency Phone: Chemtrec (800) 424-9300 or (703) 527-3887

Section 2 - Composition / Information on Ingredients

Ingredient Name	CASRN	% wt
1. Polyol	9051-49-4	10-15
2. Polyol	102-60-3	5-10
3. Aromatic hydrocarbon	64742-94-5	5-10
4. Alkyl diisobutyrate	6846-50-0	5-10
5. Mineral spirits	8052-41-3	<5

Trace Impurities: N/A

Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		OTHER OTHER
	TWA	STEL	TWA	STEL	TWA	STEL	
#1	NE	NE	NE	NE	NE	NE	NE
#2	NE	NE	NE	NE	NE	NE	NE
#3	NE	NE	NE	NE	NE	NE	NE
#4	NE	NE	NE	NE	NE	NE	NE
#5	500 ppm	NE	100 ppm	NE	NE	NE	NE

Section 3 - Hazards Identification

☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

Appearance: Viscous, white liquid; Odor: aromatic; Mild eye and skin irritant; Avoid breathing vapors.
Burning decomposition products are potentially hazardous.

HMIS

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PPE†

†Sec. 8

Potential Health Effects

Primary Entry Routes: Eye and skin contact; inhalation of vapors, accidental ingestion.

Inhalation/Ingestion: May cause dizziness, nausea and headache if prolonged exposure.

Eye: May cause slight irritation.

Skin: May cause slight irritation.

Medical Conditions Aggravated by Long-Term Exposure: None known

Section 4 - First Aid Measures

Inhalation: Not likely. Remove to fresh air environment.

Ingestion: If swallowed, call a physician immediately. Remove stomach contents by gastric suction or induce vomiting only as directed by medical personnel. Never give anything by mouth to an unconscious person.

Eye Contact: Flush eyes with clean, lukewarm water for 15 minutes. Obtain medical attention if irritation develops.

Skin Contact: Remove contaminated clothing and wash affected areas well with soap and water. Launder contaminated clothing before use.

Note to Physicians: Treat any ill effects symptomatically.

Section 5 - Fire-Fighting Measures

Flash Point/Method: 160°F (71°C) PMCC

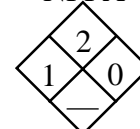
Extinguishing Media: Water spray, foam, dry chemical extinguisher, or carbon dioxide.

Hazardous Combustion Products: Burning decomposition products are potentially hazardous.

Fire-Fighting Instructions: Cool fire exposed containers with water spray. Remove containers from fire area if possible. Do not release runoff from fire control methods to sewers or waterways.

Fire-Fighting Equipment: Firefighters should wear positive pressure self-contained breathing apparatus (SCBA) and consider use of unmanned hose holders or monitor nozzles for fighting large fires.

NFPA



Section 6 - Accidental Release Measures

Spill /Leak Procedures: Provide adequate ventilation and wear personal protective equipment. Evacuate personnel as a precaution. Prevent product spill from entering sewers, streams, or drinking water supplies. Collect liquid or soak up with inert filler or an absorbent, such as dry earth, sand, or oil absorbent (sweeping) compound. Collect material into suitable containers for disposal. Wash area with dilute ammonia solution.

Containment: For large spills, dike ahead of liquid spill for later neutralization, absorption, clean up, and disposal.

Section 7 - Handling and Storage

Handling Precautions: Avoid contact with eyes, skin and clothing. Avoid breathing vapor over open container. Avoid excessive exposure to moist air.

Storage Requirements: Store in a cool, dry place away from excessive heat in original or similar waterproof containers. Avoid unnecessary contact. Protect from freezing. Containers should be tightly sealed to prevent contamination with foreign materials.

Shelf life: 6 months from date of shipment under manufacturers recommended storage conditions.

Section 8 - Exposure Controls / Personal Protection

Eye Protection Requirements: Safety goggles or glasses are recommended. Plastic face shield should be worn for complete face protection.

Skin Protection Requirements: Impermeable gloves should be worn. Employees should wash their hands and face before eating, drinking, or using tobacco products.

Ventilation Requirements: Use in a well-ventilated area.

Respiratory Requirements: Not normally required for well-ventilated areas. An organic vapor cartridge or fresh air supplied respirator may be necessary for certain applications. Consider the type of application, environmental concentrations, and other materials being used concurrently when determining respirator use and selection. Observe OSHA regulations for respirator use (29 CFR 1910.134).

Additional Protective Measures: Safety showers and eye wash stations should be easily accessible to the work area. Working training is important. Follow all label precautions.

Section 9 - Physical and Chemical Properties

Physical State: Viscous liquid

Appearance and Odor: White; Aromatic

Vapor Pressure: N/A

Specific Gravity (H₂O=1): 1.60

pH: N/A

Water Solubility: soluble in water

Boiling Point: NE

Viscosity: 1300 cps

% Volatile: 7

V.O.C. (ref EPA meth 24): 110 gm/liter

Section 10 - Stability and Reactivity

Stability: Stable at room temperature in closed containers under normal storage and handling conditions.

Polymerization: Hazardous polymerization will not occur.

Chemical Incompatibilities/Conditions to Avoid: Water, humid air, oxidizing agents and strong acids.

Hazardous Decomposition: Burning decomposition products are potentially hazardous.

Section 11- Toxicological Information

No Toxicological Information Available

Section 12 - Ecological Information

No Ecological Information Available

Section 13 - Disposal Considerations

Waste Disposal Method: Landfill burial or incineration. Dispose of in compliance with federal, state, or local environmental control regulations.

Section 14 - Transport Information**DOT**
Not regulated**IATA/ICAO**
Not regulated**IMO/IMDG**
Not regulated**Section 15 - Regulatory Information****U.S. Federal Regulations:****OSHA:**

This document has been prepared in accordance with the MSDS requirements of the OSHA Hazard Communication Standard.

SARA TITLE III:

Sections 311/312 Hazard Classification:

N/A

Section 313: This product contains the following substances subject to the reporting requirements of EPCRA, Section 313 and 40 CFR Part 372:

N/A

TSCA: This product or its components are listed in or exempt from the TSCA inventory requirements.

This product contains the following substances subject to export notification under Section 12 (b) of TSCA:

None

Section 16 - Other Information

Reason for Issue: Revised section 9, 15

Prepared By: S.F. Marks

Approval Date: 07/03/2003

Supersedes Date: 10/18/1999

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