

Material Safety Data Sheet

TC-8200 PART B

Date of Preparation: 06/22/2001

Revision: 06/22/2001

Section 1 - Chemical Product and Company Identification

Product Name: TC-8200 PART B

Product Class: Epoxy hardener

Chemical Type: Polyamine/imidazol based

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

1. Triethylenetetramine
2. Amido amine

CASRN

0122-24-3
68991-84-4

Trace Impurities: N/A

Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH IDLH
	TWA	STEL	TWA	STEL	TWA	STEL	
#1	NE	NE	NE	NE	NE	NE	NE
#2	NE	NE	NE	NE	NE	NE	NE

Section 3 - Hazards Identification

☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

Appearance: Beige paste; Odor: Ammonia; Avoid skin contact. Avoid breathing vapors. May cause eye and skin irritation. Harmful if inhaled. Use in well-ventilated areas. Decomposition and combustion products may be toxic.

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Potential Health Effects

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

Inhalation/Ingestion: Not likely. Moderately toxic.

Eye: May cause irritation and redness. Mildly corrosive.

Skin: May cause irritation and allergic skin reactions in some individuals.

Medical Conditions Aggravated by Long-Term Exposure: None known

Section 4 - First Aid Measures

Inhalation: Not likely. Remove to fresh air environment. Give oxygen if breathing is difficult.

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: 215°F (102°C) TCC

Autoignition Temperature: N/A

Hazardous Classification: Class 8, PG III

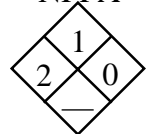
Extinguishing Media: Carbon dioxide, foam, dry chemical, or water spray.

Unusual Fire or Explosion Hazards: Decomposition and combustion products may be toxic.

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 must wear positive pressure self-contained breathing apparatus (SCBA) for fighting large fires. Consider the use of unmanned hose holders or monitor nozzles when fighting large fires.

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Section 6 - Accidental Release Measures

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

Containment: For large spills, dike ahead of 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 directly over open container.

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

Shelf life: 12 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/Respiratory Requirements: Exhaust ventilation recommended. 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: Paste

Appearance and Odor: Beige; Ammonia

Vapor Pressure: N/A

Specific Gravity (H₂O=1): 0.58

pH: N/A

Water Solubility: Slightly

Boiling Point: >330°F (177°C)

Viscosity: Paste

% Volatile: Negligible

V.O.C. (ref EPA meth 24): N/A

Section 10 - Stability and Reactivity

Stability: TC-8200 PART B is stable at room temperature in closed containers under normal storage and handling conditions.

Polymerization: Hazardous polymerization will not occur.

Chemical Incompatibilities/Conditions to Avoid: Strong oxidizers and acids.

Hazardous Decomposition: Decomposition and combustion products may be toxic.

Section 11- Toxicological Information

No Toxicological Information Available

Section 12 - Ecological Information

No Ecological Information Available

Section 13 - Disposal Considerations

Waste Disposal Method: Approved incineration method or landfill burial unless prohibited. Dispose of in compliance with federal, state, or local environmental control regulations.

Section 14 - Transport Information

Shipping Name: Corrosive solid, n.o.s.	DOT (USA): Regulated
Technical Name: Triethylenetetramine mixture	Class 8, PG III
Hazard Class: Class 8	IATA/ICAO: Regulated
ID No.: UN 1759	Class 8, PG III
Packing Group: III	IMO/IMDG: Regulated
Label: Corrosive	Class 8, PG III

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:

None

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

None

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: Revision to Sections 3, 6, 7, 14 & 15

Prepared By: S.F. Marks

Approval Date: 06/22/2001

Supersedes Date: 08/20/1999

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