

# Material Safety Data Sheet

TC-1208 PART B FAST

Date of Preparation: 07/15/99

Revision: 07/15/99

## Section 1 - Chemical Product and Company Identification

**Product Name:** TC-1208 PART B FAST

**Product Class:** Epoxy hardener

**Chemical Type:** Polyamine

**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
1. Bisphenol-A	80-05-7
2. Polyethylene polyamine	Proprietary

**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	10 ppm	NE	NE	NE	NE

## Section 3 - Hazards Identification

### ☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

Appearance: Clear amber liquid; Odor: Slight ammonia like; Avoid skin contact. Avoid breathing vapors. May cause eye and skin irritation. Harmful if inhaled. Use in well-ventilated areas. Burning material will generate trace amounts of toxic fumes/gases.

**HMIS**  
**H** 3  
**F** 1  
**R** 0  
**PPE**†  
†Sec. 8

### Potential Health Effects

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

#### Acute Effects

**Inhalation/Ingestion:** Excessive vapors caused by heat or spray mist can cause respiratory problems.

**Eye:** Can cause severe irritation.

**Skin:** May cause mild irritation.

**Medical Conditions Aggravated by Long-Term Exposure:** Unknown

## 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:** >385°F (>196°C) PMCC

**Autoignition Temperature:** N/A

**Hazardous Classification:** Class 8, PG III

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

**Hazardous Combustion Products:** May generate toxic fumes

**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.



## 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.

**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. Optimum storage temperature is 65°-80°F (18°-27°C).

**Shelf life:** 12 months 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 (NIOSH certified) 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. Training is important. Follow all label precautions.

## Section 9 - Physical and Chemical Properties

**Physical State:** Liquid

**Appearance and Odor:** Clear; slight ammonia-like odor

**Vapor Pressure:** <0.3 mm Hg at 77°F (25°C)

**Specific Gravity (H<sub>2</sub>O=1):** 1.06

**pH:** N/A

**Water Solubility:** Slight

**Boiling Point:** >385°F (>196°C)

**% Volatile:** Nil

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

## Section 10 - Stability and Reactivity

**Stability:** TC-1208 PART B FAST 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:** Acids, chlorinated hydrocarbons. May corrode copper or brass.

**Hazardous Decomposition:** Thermal oxidative decomposition can produce toxic fumes/gases.

## Section 11- Toxicological Information

No Toxicological Information Available

## Section 12 - Ecological Information

No Ecological Information Available

## Section 13 - Disposal Considerations

**Waste Disposal Method:** Dilute with water and contain. Dispose of in compliance with federal, state, or local environmental control regulations.

**Section 14 - Transport Information**

<b>Shipping Name:</b> Corrosive liquid, n.o.s.	<b>DOT (USA):</b> Regulated
<b>Technical Shipping Name:</b> Triethylenetetramine Solution	Class 8, PG III
<b>Hazard Class:</b> 8	<b>IATA/ICAO:</b> Regulated
<b>ID No.:</b> UN1760	Class 8, PG III
<b>Packing Group:</b> III	<b>IMO/IMDG:</b> Regulated
<b>Label:</b> Corrosive	Class 8, PG III

**Section 15 - Regulatory Information****EPA Regulations:**

SARA TITLE III

Sections 311/312 Codes: N/A

Section 313 (40 CFR 372.65): N/A

**TSCA:** All components of this product are registered under the regulations of the Toxic Substance Control Act.**Section 16 - Other Information****Reason for Issue:** Revised to ANSI format**Prepared By:** S.F. Marks**Approval Date:** 07/22/99**Supersedes Date:** 10/20/95

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