



MATERIAL SAFETY DATA SHEET

EMERGENCY CONTACT:

Spills, Leaks, fire or Exposure Call Chemtrec: (800) 424-9300

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product Name: FMJ™
Component B

Chemical Name: Mixture of amine compounds.

Distributed By: Specialty Products, Inc.
2410 104th St. Ct. S., Suite D
Lakewood, WA 98499
(253) 588-7101

SECTION 2A – COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT(S)	% (w/w)	ACGIH TLV	CAS NO.
*Corrosive Liquid, N.O.S. (Polyoxypropylene Diamine)	61-89	None Established	9046-10.0
Chemical Identity is Proprietary	10-40	None Established	N/A
Chemical Identity is Proprietary	2-20	None Established	N/A

*Designates a hazardous chemical as defined by SARA Title III, Section 311, 312

SECTION 2B – ACUTE TOXICITY DATA

Toxicity:

ORAL LD50 = 485 mg/kg
DERMAL LD50 = 700 mg/kg

SECTION 3 - HEALTH IDENTIFICATION

ACUTE HEALTH EFFECTS:

Eye Contact: Will cause irritation, burning, or chemical burns.

Skin Contact: This product can be toxic by dermal absorption.

Inhalation: Vapors or mist are irritating and may cause nasal discharge, coughing, and discomfort in nose, throat, and chest. Severe overexposure may result in difficulty breathing, headache, nausea, vomiting and drowsiness.

Ingestion: Ingestion of this product is expected to be harmful or fatal.

SECTION 4 – EMERGENCY AND FIRST AID MEASURES

Eye Contact: Wash with clean water for at least fifteen minutes; get medical attention.

Skin Contact: Immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention. Wash clothing and decontaminate shoes before reuse.

Inhalation: Move individual to fresh air. If breathing has stopped, apply artificial respiration; get medical attention immediately.

Ingestion: If person is conscious and can swallow, immediately give two glasses of water (16 oz.) but do not induce vomiting. This material is corrosive. If vomiting occurs, give fluids again. Have a physician determine if condition of patient will permit induction of vomiting or evacuation of stomach. Do not give anything by mouth to an unconscious or convulsing person

SECTION 5 – SUPPLEMENTAL HEALTH INFORMATION

Chronic Health Effects: Prolonged or repeated overexposure may result in lung damage.

Medical Conditions Aggravated by Exposure: Pre-existing lung or skin conditions could be aggravated by repeated exposure.

SECTION 6 – PHYSICAL DATA

Boiling Point: 586° F

Specific Gravity: 0.98 – 1.02

Vapor Pressure: 0.9 mm @ 68° F

Vapor Density (Air=1): 6.2

Solubility (specific solvents): Moderate

VOC: 0 grams/liter

Appearance and Odor: Viscous liquid in various colors; characteristic amine odor.

SECTION 7 – FIRE AND EXPLOSION HAZARDS

Flash Point and Method: Above 364° F (184° C)

Flammable Limits / % Volume in Air: N/A

Extinguishing Media: Dry chemical, foam, carbon dioxide, halogenated agents. Water or foam can cause frothing.

Fire Fighting Procedures: Use water to cool fire-exposed containers. Self-contained breathing apparatus, with full face piece and protective clothing should be worn.

Fire and Explosion Hazards: None Known.

SECTION 8 – REACTIVITY

Chemical Stability: Product is stable under normal conditions.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: Combustion products: Toxic levels of ammonia. Oxides of nitrogen, carbon, and some aldehydes and ketones may also be produced.

Incompatibility w/ other Substances: Will react with acids.

Conditions to Avoid: Avoid moisture contamination in containers. Containers should not be resealed if contamination is suspected. CO2 created pressure can develop. Do not attempt to use contaminated material.

SECTION 9 – EMPLOYEE PROTECTION

Respiratory Protection: When the product is sprayed or heated without adequate ventilation, an approved MSHA/NIOSH positive-pressure, supplied-air respirator may be required. Air purifying respirators equipped with organic vapor cartridges and a HEPA (P100) particulate filter may be used under certain conditions when a cartridge change-out schedule has been developed in accordance with the OSHA respiratory protection standard (29 CFR 1910.134).

Ventilation: Mechanical ventilation, adequate to keep exposure below TLV, is recommended.

Protective Gloves: Neoprene or nitrile rubber.

Eye Protection: Goggles or face shield.

Other Protective Clothing or Equipment: Eyewash fountain and safety shower should be accessible; impervious protective clothing.

SECTION 10 – ENVIRONMENTAL PROTECTION

Spills, Leaks, or Accidental Release: Ventilate area. Avoid breathing vapor. Use of self-contained breathing apparatus may be required in confined or enclosed areas. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Take up small spills with dry chemical absorption. Large spills may be taken up with pump or vacuum and finished off with dry chemical absorbent.

Precautions to be Taken in Handling and Storage: Store in well-ventilated, cool, dry area. Purge with nitrogen and close container when not in use.

SECTION 11 – SPECIAL PRECAUTIONS

Waste Disposal Method: Dispose of material in accordance with all federal, state, and local regulations.

Other Precautions: Store in original container; keep tightly closed. Do not reuse container for other purposes.

SECTION 12 – TRANSPORTATION REQUIREMENTS

Department of Transportation Classification: Corrosive Liquid, N.O.S.

DOT Proper Shipping Name: Polyoxypropylene Diamine

Hazard Class: 8

Packing Group: III

I.D. Number: UN1760

RQ (lbs.): Less than 1,000 lbs. Not Regulated

SECTION 13 – OTHER REGULATORY CONTROLS

TSCA Information: All ingredients are on the TSCA Chemical Substance Inventory.

WHMIS Information: Not all ingredients are confirmed on the Canadian DSL (Domestic Substances List).

SECTION 14 - STATE REGULATORY INFORMATION

None Known

SECTION 15 – SPECIAL NOTES

THE INFORMATION AND RECOMMENDATIONS IN THIS PUBLICATION ARE, TO THE BEST OF OUR KNOWLEDGE, RELIABLE. THE TOXICITY AND RISK CHARACTERISTICS OF PRODUCTS MADE BY SPI WILL NECESSARILY DIFFER FROM THE TOXICITY AND RISK CHARACTERISTICS THAT OCCUR WHEN SUCH PRODUCTS ARE USED WITH OTHER MATERIALS DURING A MANUFACTURING PROCESS. THE RESULTING RISK CHARACTERISTICS SHOULD BE DETERMINED AND MADE KNOWN TO ULTIMATE END-USERS AND PROCESSORS. SPI MAKES NO WARRANTIES OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Date Revised: March 15, 2000

FMJ™

COMPONENT B