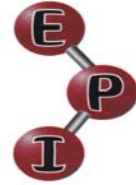


# MATERIAL SAFETY DATA SHEET

## Engineered Polymers, Inc.

2842 Progress Rd.  
Madison, WI 53716  
(608) 661-2800

EP-1221 B-Side  
Revision Date: 1/29/2004  
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### Section 1 - Product Identification

PRODUCT NAME: EP-1221 B-Side  
PRODUCT CLASS: Polymeric Polyol

<b>Health</b>	3
<b>Flammability</b>	1
<b>Reactivity</b>	0
<b>Protective Equipment</b>	X

### HMIS Rating

### Section 2 - Hazardous Ingredients

<u>Ingredient</u>	<u>CAS #</u>	<u>Weight PBW</u>	<u>TLV</u>
Di-Ethyl toluene diamine (1)		25	Not Est.
aliphatic amines (polyoxypropylene diamine)	9046-10-0	50	Not Est. (1)

### Section 3 - Physical Data

BOILING POINT: Not established  
VAPOR PRESSURE: Not established  
SOL IN WATER: Soluble  
APPEARANCE: Cloudy white liquid

SPECIFIC GRAVITY: 1.05

### Section 4 - Fire and Explosion Hazard Data

FLASH POINT: N/A                      LEL: NA                      UFL: NA

EXTINGUISHING MEDIA: Water fog, CO<sub>2</sub>, dry chemical, chemical foam

SPECIAL FIRE FIGHTING PROCEDURES: Water or foam may cause frothing, use water to cool containers to prevent spillage

UNUSUAL FIRE AND EXPLOSION HAZARDS: low hazard

### Section 5 - Health Hazard Data

PERMISSIBLE EXPOSURE LEVEL: See section 2

EFFECTS OF OVEREXPOSURE: Eyes: irritation, possible eye injury; inhalation: odor considered only annoying; skin: moderately irritating, can cause redness or drying of skin; ingestion: small amounts not likely to cause injury

EMERGENCY AND FIRST AID PROCEDURES: Eyes - Flush with water-obtain medical attention; Skin - wash with soap and water; Ingestion - induce vomiting, call physician

### Section 6 - Reactivity Data

STABILITY: Stable

CONDITIONS TO AVOID: Do not inhale smoke when burning and extreme high temperatures

INCOMPATIBILITY: alkali or alkaline earth metals, strong acids, copper, brass and elastomeric materials.

# MATERIAL SAFETY DATA SHEET

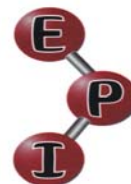
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HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO<sub>2</sub>, NO<sub>2</sub>, fire conditions

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: Isocyanates, oxidizing materials or strong acids

### Section 7 - Spill or Leak Procedures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Contain spill, avoid personal contact, apply absorbent material (sawdust or inert dirt) or wipe up with suitable material, place in open container - wash area with detergent and water

WASTE DISPOSAL METHOD: Because this is a petroleum base product, it may cause pollution - do not discharge into ground, streams, ponds or public water. Follow federal, state and local regulations.

### Section 8 - Special Protection Information

RESPIRATORY PROTECTION: None required

VENTILATION: No special requirements

PROTECTIVE GLOVES: Rubber or PVC

EYE PROTECTION: Chemical goggles

OTHER PROTECTIVE EQUIPMENT: none

### Section 9 - Special Precautions

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep containers tightly closed, store between 60 to 80F in a cool, dry place to protect from freezing

OTHER PRECAUTIONS: In case of Emergency contact Chemtrec 800/424-9300

TRANSPORTATION CLASSIFICATION: Not regulated

### Section 10 - Additional Regulatory Information

TSCA (Toxic Substances Control Act) Regulations, 40 CFR 710:  
All ingredients are on the TSCA Chemical Substance Inventory.

SARA TITLE III SECTION 313:

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right to Know Act of 1986 and of CFR 372:

CAS #	Chemical Name	Percent by Weight
None		

PROP 65 (CARCINOGEN)

# MATERIAL SAFETY DATA SHEET

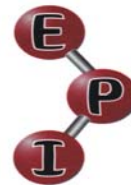
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Warning: This product contains a chemical known to the state of California to cause cancer.

CAS #                      Chemical Name                      Percent by Weight

None

PROP 65 (TERATOGEN)

Warning: This product contains a chemical known to the state of California to cause birth defects or other reproductive harm.

CAS #                      Chemical Name                      Percent by Weight

None

TRANSPORTATION CLASSIFICATION:

DOT:

<b>Proper Shipping Name:</b>	Amines, Liquid, Corrosive, n.o.s. (Aromatic and Aliphatic Diamine)
<b>Hazard Class:</b>	8
<b>ID Number:</b>	UN 2735
<b>Packing Group:</b>	PG II