

**Engineered Polymers, LLC**  
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[www.engineeredpolymers.net](http://www.engineeredpolymers.net)

An Amber Chemical Group Company  
[www.amberchemical.com](http://www.amberchemical.com)

**REACTAMINE® RP**



### Section 1 - Product Identification

PRODUCT NAME: ReactAmine RP  
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 %</u>	<u>TLV</u>
Di-Ethyl toluene diamine (1)		25	Not Est.
aliphatic amines (polyoxypropylene diamine)	9046-10-0	75	Not Est. (1)

### Section 3 - Physical Data

BOILING POINT: Not established      SPECIFIC GRAVITY: 1.05  
VAPOR PRESSURE: Not established  
SOL IN WATER: Soluble  
APPEARANCE: Cloudy white liquid

### Section 4 - Fire and Explosion Hazard Data

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

EXTINGUISHING MEDIA: Water fog, CO2, 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

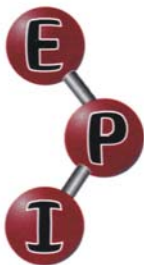
EFFECTS OF OVEREXPOSURE: Eyes: irritation, possible eye injury; inhalation: odor considered only annoying; skin: moderately irritating, can cause redness or drying of skin; ingestion: small amounts not likely to cause injury

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



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**REACTAMINE<sup>®</sup> RP**



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

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

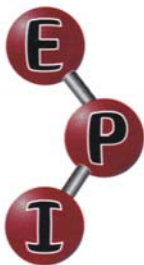
OTHER PRECAUTIONS: In case of Emergency contact Chemtrec 800/424-9300

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:



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**REACTAMINE® RP**



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:

<u>CAS #</u>	<u>Chemical Name</u>	<u>Percent by Weight</u>
None		

PROP 65 (CARCINOGEN)

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

<u>CAS #</u>	<u>Chemical Name</u>	<u>Percent by Weight</u>
None		

PROP 65 (TERATOGEN)

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

<u>CAS #</u>	<u>Chemical Name</u>	<u>Percent by Weight</u>
None		

TRANSPORTATION CLASSIFICATION:

DOT:

<b>Proper Shipping Name:</b>	Aromatic and Aliphatic Diamine
<b>Hazard Class:</b>	8
<b>ID Number:</b>	UN 2079
<b>Packing Group:</b>	PG II