POLAPRIME EPOXY PRIMER – PART B

SECTION 1 - IDENTIFIERS
MANUFACTURER:   Andek Corporation
ADDRESS:  850 Glen Avenue, Moorestown, NJ 08057
TELEPHONE:  1-856-786-6900
In an emergency, contact CHEMTREC 1-800- 424-9300;
Outside the United States call +1-703-527-3887
TRADE NAME:  Polaprime Epoxy Primer Part B
CHEMICAL FAMILY:   Amido Amine/Cycloaliphatic Amine Curing Agent

SECTION 2 – HAZARD IDENTIFICATION & EMERGENCY OVERVIEW
Emergency Overview: Toxic gases may be given off during burning or thermal decomposition. Closed container may forcibly rupture under extreme heat or when contents have been contaminated with water. Causes skin and eye irritation and/or burns. May cause allergic skin reaction or skin sensitization. May cause respiratory tract irritation, allergic reaction, or sensitization. Causes severe gastrointestinal damage if swallowed.

Effects of Overexposure:
SKIN:  Prolonged or repeated contact may cause skin irritation and/or result in skin sensitization or other allergic response. EYES:  Irritation and redness from direct eye contact. BREATHING:  Dust emanating from the mixing process may be an irritant. Prolonged exposure to respirable crystalline quartz may cause delayed (chronic) lung injury (silicosis). SWALLOWING:  Low acute oral toxicity. (LD50 greater than 2,000 Mg/Kg for rats).

SECTION 3 – COMPOSITION
COMPONENT | CAS # | APPROX % | TLV
--- | --- | --- | ---
Isophorone Diamine | 2855-13-2 | 60 | 
Modified Aliphatic Amine | 68609-08-5 | 40 | 

KNOWN CARCINOGENS OR MUTAGENS - TYPE & DEFINITION – None known

SECTION 4 – FIRST AID MEASURES
SKIN:  Wash thoroughly with soap and water. Launder clothing before re-use.
EYES:  Irrigate with water for fifteen minutes and seek medical attention.
BREATHING:  Remove to fresh air if effects occur. Consult medical personnel.
SWALLOWING:  Induce vomiting if large amounts ingested. Low toxicity, no specific antidote.

SECTION 5 – FIRE & EXPLOSION HAZARD DATA
FLASH POINT (METHOD USED):  485°F. Pensky Martens Closed Cup.
FLAMMABLE LIMITS:  N/A
EXTINGUISHING MEDIA:  Foam; CO²; dry chemical.
SPECIAL FIRE FIGHTING PROCEDURES:  None
UNUSUAL FIRE & EXPLOSION HAZARDS:  None

SECTION 6 – SPILL OR LEAK PROCEDURES
Contain spill with absorbent material. If necessary, soak contaminated area with 5% acetic acid and wash with water. Clean up area may be slippery; if so, spread sand or grit.

SECTION 7 – HANDLING & STORAGE
Store in a dry area away from heat; keep container sealed until ready for use.

SECTION 8 – PERSONAL PROTECTION/EXPOSURE CONTROLS
RESPIRATORY PROTECTION (SPECIFY TYPE):  During mixing, a NIOSH approved dust mask should be worn, otherwise unnecessary.
EYE PROTECTION:  Safety glasses with side shields.
SKIN PROTECTION:  Rubber or polyethylene gloves.
OTHER PROTECTIVE EQUIPMENT:  Adequate clothing to prevent direct contact to skin.
SECTION 9 - PHYSICAL DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point (F)</td>
<td>Decomposes</td>
</tr>
<tr>
<td>Specific Gravity (H²O = 1)</td>
<td>1.05</td>
</tr>
<tr>
<td>Vapor Pressure (N/A)</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Density (Air = 1)</td>
<td>N/A</td>
</tr>
<tr>
<td>Percent, Volatile by Volume</td>
<td>1%</td>
</tr>
<tr>
<td>Vapor Density (Air = 1)</td>
<td>N/A</td>
</tr>
<tr>
<td>Evaporation Rate (N.B.A. = 1)</td>
<td>None</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Insoluble</td>
</tr>
<tr>
<td>pH</td>
<td>8.5</td>
</tr>
</tbody>
</table>

Appearance & Odor - Clear, syrup-like liquid with slight ammoniacal odor.

SECTION 10 - REACTIVITY DATA

Stability: Stable.
Incompatibility (Materials to Avoid): None.
Hazardous Decomposition Products: Thermal decomposition yields oxides of carbon and nitrogen and halides if present.
Hazardous Polymerization: May not occur.
Conditions to Avoid: When large quantities are mixed, high exotherm may result.

SECTION 11 – TOXICOLOGICAL INFORMATION
See reference data for individual components.

SECTION 12 – ECOLOGICAL INFORMATION
See reference data for individual components.

SECTION 13 – DISPOSAL CONSIDERATIONS
Dispose of in accordance with existing local, state and federal environmental regulations in approved metal containers.

SECTION 14 – TRANSPORT INFORMATION

<table>
<thead>
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<th>Property</th>
<th>Value</th>
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<tr>
<td>Proper Shipping Name:</td>
<td>Corrosive liquid N.O.S. (contains isophorone diamine, modified aliphatic amine)</td>
</tr>
<tr>
<td>Hazard Class:</td>
<td>8</td>
</tr>
<tr>
<td>Packing Group:</td>
<td>3</td>
</tr>
<tr>
<td>ID #:</td>
<td>UN 1760</td>
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<tr>
<td>RQ:</td>
<td>None</td>
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SECTION 15 – REGULATORY INFORMATION
See reference data for individual components.

SECTION 16 – OTHER INFORMATION (HMIS RATING)

<table>
<thead>
<tr>
<th>Category</th>
<th>Rating</th>
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<tbody>
<tr>
<td>Health</td>
<td>2</td>
</tr>
<tr>
<td>Flammability</td>
<td>1</td>
</tr>
<tr>
<td>Physical Hazard</td>
<td>1</td>
</tr>
<tr>
<td>Personal Protection</td>
<td>H</td>
</tr>
</tbody>
</table>

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