



SAFETY DATA SHEET

U.S. Department of Labor
Occupational Safety & Health Administration

Polaprime Epoxy Primer - Part B

SECTION 1 - IDENTIFICATION

MANUFACTURER: Andek Corporation
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PRODUCT IDENTIFIER: Polaprime Epoxy Primer - Part B
RECOMMENDED USE: Industrial Primer

SECTION 2 – HAZARD IDENTIFICATION

HAZARD CLASSIFICATION (EFFECTS OF EXPOSURE):

Skin: Corrosive; may cause an allergic skin reaction – Category 1. Can cause chemical burns – Category 1B.

Eyes: Causes serious eye damage – Category 1.

Ingestion: May cause burns to the mouth, throat and stomach – Oral Category 4.

SIGNAL WORD: Danger

HAZARD STATEMENTS:

- May be harmful if swallowed.
- Causes severe skin burns and eye damage.
- Causes serious eye damage.

PICTOGRAMS:



PRECAUTIONARY STATEMENTS:

Prevention:

- **Do Not** handle until all safety precautions have been read and understood.
- **Do Not** get in eyes, on skin, or on clothing.
- Wash thoroughly after handling.
- **Do Not** eat, drink or smoke when using this product.
- Wear protective gloves / protective clothing / eye protection / face protection.

Response:

- **Skin:**
 1. Take off immediately all contaminated clothing.
 2. Rinse skin with water/ shower.
 3. If skin irritation or a rash occurs.
 4. Get medical advice/attention.
- **Eyes:**
 1. Rinse cautiously with water for several minutes.
 2. Remove contact lenses, if present and easy to do and continue rinsing.
 3. Get medical advice/attention.
- **Ingestion:**
 1. Immediately call a POISON CENTER/doctor.
 2. Rinse mouth. **Do Not** induce vomiting.

Storage:

- Store in a dry place.
- Store in a closed container.

Disposal:

- Waste disposal should be in accordance with existing federal, state and local environmental control laws.
- Incineration is the preferred method.

SECTION 3 – COMPOSITION

<u>CHEMICAL NAME</u>	<u>CAS #</u>	<u>APPROX %</u>
3-aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2	40
Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl-, reaction products with Bisphenol A Diglycidyl Ether Homopolymer	68609-08-5	20
Benzyl alcohol	100-51-6	40

SECTION 4 – FIRST AID MEASURES

Skin:

- Rinse with plenty of water.
- Remove contaminated clothes.
- Get medical attention.

Eyes:

- Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
- Get medical attention.

Inhalation:

- Move to fresh air.
- If adverse health effects develop seek medical attention.

Ingestion:

- Do not induce vomiting.
- The victim should drink several glasses of water to dilute the ingested substance.
- If vomiting occurs naturally, keep airway clear.
- Get medical attention.
- Never give anything by mouth if the victim is rapidly losing consciousness or is unconscious or convulsing.

SECTION 5 – FIRE-FIGHTING MEASURES

Flash point: > 233.6 °F (> 112.00 °C) ASTM D3278; Setaflash Closed Cup

Flammable limits: Not determined.

Extinguishing media:

- Water Fog
- Foam
- Carbon dioxide
- Dry Chemical

Special fire fighting procedures:

- Wear full protective clothing.
- Wear self-contained breathing apparatus.

Unusual fire & explosion hazards: Avoid open flames and sources of ignition.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Environmental precautions: Collect rinsate for disposal.

Methods for cleaning and take-up:

- Pick up spilled material and containerize for recovery or disposal.
- Use adequate protective equipment.
- Add dry material to absorb spill (if large spill, first dike to contain).
- Flush area with dilute (5%) acetic acid.

SECTION 7 – HANDLING & STORAGE

Precautions for safe handling: Ensure that workrooms are adequately ventilated.

Recommendations on the conditions for safe storage:

- Keep container tightly sealed.
- Keep container in a well ventilated place.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION:

Engineering controls: Local exhaust ventilation recommended.

Inhalation protection:

- Respirator with organic vapor cartridge.
- Not applicable with adequate ventilation.

Eye protection:

- Wear tight fitting goggles.
- Face shield

Skin and body protections:

- Protective gloves made of plastic.
- Protective gloves made of rubber.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES:

Appearance: Low viscosity, Newtonian liquid

Physical state: Liquid

Color: Transparent, pale yellow

Odor: Ammoniacal

Odor threshold: None established

pH: 8.5

Melting point/freezing point: None established

Initial boiling point and boiling range: 437°F (225°C)

Flash point: 230°F (110°C)

Evaporation rate: N.V. @ ambient (0%)

Flammability (solid, gas): Combustible @ elevated temperature

Upper/lower flammability or explosive limits: None established

Vapor pressure: None established

Vapor density: None established

Relative density: 1.00 kg/l

Solubility: Slight (0.1 to 1.0%)

Partition coefficient: n-octanol/water: None established

Auto-ignition temperature: None established

Decomposition temperature: Above 383°F

Viscosity: 600 centipoises @25°C

SECTION 10 – STABILITY AND REACTIVITY

Reactivity: None known.

Hazardous polymerization: Will not occur.

Hazardous decomposition products:

- None if used for intended purpose.
- No decomposition if used according to specifications.

Conditions to avoid: None if used for intended purpose.

SECTION 11 – TOXICOLOGICAL INFORMATION

General toxicological information:

Any toxicological information included in this section is based upon data associated with an analogous product.

Acute toxicity:

- **Oral:** LD50 > 200 - <= 1000 mg/kg body weight (Rat)
- **Inhalation:** Harmful by inhalation – LC50 (4 hr) :> 4.178 mg/l (Rat)
- **Dermal:** Harmful in contact with skin – LD50 :> 2,000 mg/kg (Rabbit)

Additional information:

- **Skin irritation:** Corrosive
- **Eye irritation:** Severely irritating
- **Dermal sensitization:** Sensitizing

SECTION 12 – ECOLOGICAL INFORMATION

General ecological information: The ecological evaluation of the product is based on data from the raw material and/or comparable substances.

Acute toxicity:

Fish: LC50 > 10 - <= 460 mg product/l.

Bacterial: EC0 > 10 - <= 700 mg product/l

Biodegradation:

- The total of the organic components contained in the product achieve values below 60% BOD/COD or CO² liberation, or below 70% DOC reduction in tests for ease of degradability.
- Threshold values for 'readily degradable' (e.g. to OECD method 301) are not reached.

Bioaccumulation: Low bioaccumulation potential.

SECTION 13 – DISPOSAL CONSIDERATIONS**Waste Disposal Method:**

- Waste disposal should be in accordance with existing federal, state and local environmental control laws.
- Incineration is the preferred method.

Empty Container Precautions:

- Empty containers retain product residue; observe all precautions for product.
- **Do Not** heat or cut empty container with electric or gas torch because highly toxic vapors and gases are formed.
Do Not reuse without thorough commercial cleaning and reconditioning.
- If container is to be disposed, ensure all product residues are removed prior to disposal.

SECTION 14 – TRANSPORT INFORMATION

UN #	2735
UN PROPER SHIPPING NAME:	Amines, liquid, corrosive, N.O.S.
HAZARD CLASS:	8
PACKING GROUP:	III
ENVIRONMENTAL HAZARDS:	Not a marine pollutant.
GUIDANCE ON TRANSPORT IN BULK	N/A

Transport labels required: 8

SECTION 15 – REGULATORY INFORMATION

SARA 311/312 Hazard Categories: Immediate Health

TSCA 12(b) Components: None

SARA 313 Toxic Chemicals: None

SARA 302 Extremely Hazardous Substances: None

CERCLA Hazardous Chemicals: None

California Proposition 65: No California Proposition 65 listed chemicals are known to be present.

SECTION 16 – OTHER INFORMATION (HMIS RATING)

Health	3
Flammability	1
Physical Hazard	0
Personal Protection	H

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