



## SAFETY DATA SHEET

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

# Polafloor Epoxy Topping - Part B

## SECTION 1 - IDENTIFICATION

MANUFACTURER: Andek Corporation  
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In an emergency, contact CHEMTREC 1-800- 424-9300;  
Outside the United States call +1-703-527-3887  
PRODUCT IDENTIFIER: Polafloor Epoxy Topping - Part B  
RECOMMENDED USE: Industrial Floor Coating

## 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; 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 - <= 1,000 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. (96 hour)

Bacterial: EC0 > 10 - <= 700 mg product/l (72 hour)

**Biodegradation:**

- The total of the organic components contained in the product achieve values below 60% BOD/COD or CO<sup>2</sup> 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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