



## SAFETY DATA SHEET

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

### Polafloor Epoxy Topping - Part B

#### SECTION 1 - IDENTIFICATION

**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  
**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. Can cause chemical burns.

**Eyes:** Causes serious eye damage

**Inhalation:** May cause respiratory irritation

**Ingestion:** May cause burns to the mouth, throat and stomach.

**SIGNAL WORD:** Danger

#### HAZARD STATEMENTS:

- May be harmful if swallowed
- Causes severe skin burns and eye damage
- Causes serious eye damage
- May cause respiratory irritation
- Harmful to aquatic life

#### 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

- **Inhalation:**
  1. Remove person to fresh air and keep comfortable for breathing.
  2. Get Medical advice/attention if you feel unwell
- **Ingestion:**
  1. Immediately call a POISON CENTER/doctor.
  2. The victim should drink several glasses of water to dilute the ingested substance.

**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:** 383°F

**Flash point:** 233°F

**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 centipoise @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 - <= 2000 mg/kg body weight
- **Inhalation:** Harmful by inhalation
- **Dermal:** Harmful in contact with skin

### **Additonal 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 - <= 100 mg product/l.

Bacterial: EC0 > 10 - <= 100 mg product/l

### **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.

## **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:	Environmentally hazardous, 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	1
Personal Protection	H

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