



**MATERIAL SAFETY DATA SHEET**  
U.S. Department of Labor  
Occupational Safety & Health Administration

**POLAFLOOR EPOXY TOPPING - PART A**

**SECTION 1 - IDENTIFIERS**

MANUFACTURER: Andek Corporation  
ADDRESS: 850 Glen Avenue, Moorestown, NJ 08057  
TELEPHONE: (856) 786-6900 or emergency (800) 424-9300 (CHEMTREC)  
TRADE NAME: Polafloor Epoxy Topping Part A  
CHEMICAL FAMILY: Bisphenol 'A' Resin

**SECTION 2 – HAZARD IDENTIFICATION & EMERGENCY OVERVIEW**

Emergency Overview: Irritating to eyes and skin. May cause sensitization by skin contact. May be toxic to fish. Not biodegradable; potential to bioaccumulate.

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 |
|-------------|------------|----------|-----|
| Epoxy Resin | 25068-38-6 | 100      |     |

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; CO<sub>2</sub>; dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: None  
UNUSUAL FIRE & EXPLOSION HAZARDS: None  
DECOMPOSITION PRODUCTS: Thermal decomposition yields oxides of carbon and nitrogen and halides if present.

#### **SECTION 6 – SPILL OR LEAK PROCEDURES**

---

Contain spill with absorbent material.

#### **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**

---

|                              |            |                                    |      |
|------------------------------|------------|------------------------------------|------|
| <b>BOILING POINT (F)</b>     | Decomposes | <b>SPECIFIC GRAVITY (H2O=1)</b>    | 1.2  |
| <b>VAPOR PRESSURE</b>        | N/A        | <b>PERCENT, VOLATILE BY VOLUME</b> | Zero |
| <b>VAPOR DENSITY (AIR=1)</b> | N/A        | <b>EVAPORATION RATE (N.B.A.=1)</b> | None |
| <b>SOLUBILITY IN WATER</b>   | Insoluble  | <b>pH</b>                          | N/A  |

APPEARANCE & ODOR - Clear, syrup-like liquid with no detectable odor.

#### **SECTION 10 - REACTIVITY DATA**

---

STABILITY: Stable.

INCOMPATIBILITY (MATERIALS TO AVOID): None.

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 local, state and federal regulations in approved metal containers.

**SECTION 14 – TRANSPORT INFORMATION**

---

PROPER SHIPPING NAME: Paint

HAZARD CLASS: None

PACKING GROUP: N/A

ID#: N/A

RQ: N/A

TRANSPORT LABELS REQUIRED: This material is not regulated by the D.O.T.

**SECTION 15 – REGULATORY INFORMATION**

---

See reference data for individual components.

**SECTION 16 – OTHER INFORMATION (HMIS RATING)**

---

|                     |   |
|---------------------|---|
| Health              | 1 |
| Flammability        | 1 |
| Physical Hazard     | 0 |
| Personal Protection | H |

This information accumulated herein is believed to be accurate but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm, in advance of need, that the information is current, applicable and suitable to their circumstances. Andek Corporation assumes no legal responsibility for use of or reliance upon the information contained in this MSDS.

DATE ISSUED: OCTOBER 2007

