

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

## POLAFLOOR EPOXY TOPPING – PART C

### **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: Polafloor Epoxy Topping Part C  
 CHEMICAL FAMILY: Pigmented, Graded Silica Grit

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

**Emergency Overview:** No significant hazard other than exposure to dust by inhalation during handling.

**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 (LD 50 greater than 2,000 Mg/Kg for rats).

### **SECTION 3 - COMPOSITION**

COMPONENT	CAS #	APPROX %	TLV
Silica Grit	7631-86-9	100	0.1 Mg/M3

#### **KNOWN CARCINOGENS OR MUTAGENS - TYPE & DEFINITION**

The National Toxicology Program (NTP) published its Sixth Annual Report on Carcinogens which concludes that "silica, crystalline (respirable)" may reasonably be anticipated to be a carcinogen. The NTP conclusion is based on sufficient evidence for the carcinogenicity of respirable crystalline silica in experimental animals and limited evidence in humans.

### **SECTION 4 – FIRST AID MEASURES**

SKIN: Wash thoroughly with soap and water. Launder clothing before re-use.

EYES: Irrigate with water for 15 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): None

FLAMMABLE LIMITS: N/A

EXTINGUISHING MEDIA: None

SPECIAL FIRE FIGHTING PROCEDURES: None

UNUSUAL FIRE & EXPLOSION HAZARDS: None

DECOMPOSITION PRODUCTS: None

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

Sweep up, bag, and re-use.

### **SECTION 7 – HANDLING & STORAGE**

Avoid spills of bulk material.

### **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.

PERSONAL HYGIENE: Avoid creating and breathing dust.

**SECTION 9 - PHYSICAL DATA**

BOILING POINT (F)	4046°F	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	2.65
VAPOR PRESSURE	N/A	PERCENT, VOLATILE BY VOLUME	Zero
VAPOR DENSITY (AIR=1)	N/A	EVAPORATION RATE (N.B.A.=1)	None
SOLUBILITY IN WATER	Insoluble	pH	N/A

APPEARANCE & ODOR - Any of several different colors of gritty powder with no obvious odor.

**SECTION 10 - REACTIVITY DATA**

STABILITY: Stable.

INCOMPATIBILITY (MATERIALS TO AVOID): None

HAZARDOUS DECOMPOSITION PRODUCTS: None under normal conditions.

HAZARDOUS POLYMERIZATION: May not occur.

CONDITIONS TO AVOID: None.

**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 environmental regulations.

**SECTION 14 – TRANSPORT INFORMATION**

Proper Shipping Name:	Sand N.O.I.
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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	0
Physical Hazard	0
Personal Protection	E

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