



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 Sand	14808-60-7	94	0.1 Mg/M3
Resin	Non-Hazardous	4.95	
TiO2	13463-67-7	.99	
Inorganic Colorants	Non-Hazardous	.06	

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 ² 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

ACUTE ORAL TOXICITY	Minimal
ACUTE INHALATION TOXICITY	Irritant
ACUTE DERMAL TOXICITY	Minimal
SENSITIZATION	None
MUTAGENICTY	Negative
CARCINOGENICITY	Probably

SECTION 12 ECOLOGICAL INFORMATION

BIODEGRADATION	None
TOXICITY TO FISH	None
TOXICITY TO AQUATIC INVERTEBRATES	None
TOXICITY TO MICRO ORGANISMS	None
ATMOSPHERIC OXIDATION OF VOLATILES	N/A
BIOACCUMULATION	N/A
TOXICITY TO PLANTS	None

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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