



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: (856) 786-6900 or emergency (800) 424-9300 (CHEMTREC)
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 (H2O=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.
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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