



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

POLAFLOOR PD

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 PD
CHEMICAL FAMILY: Metal Oxide Extended Urethane Prepolymer

SECTION 2 – HAZARD IDENTIFICATION & EMERGENCY OVERVIEW

Emergency Overview: Toxic gases may be given off during burning or thermal decomposition. Closed container may forcibly rupture under extreme heat or when contents have been contaminated with water.

Effects of Overexposure:

SKIN: May irritate skin.

EYES: Contact may cause severe damage.. Vapor may irritate.

BREATHING: Inhalation may cause headache, dizziness, nausea and irritation.

SWALLOWING: Harmful or fatal if swallowed.

SECTION 3 - COMPOSITION

COMPONENT	CAS #	APPROX %	TLV
Lampblack/Titanium Dioxide or Iron Oxide	13463-67-7	17.0	
Naphtha, Light Aromatic Solvent	64742-95-6	30.0	
Polyester Prepolymer Resin Solution	N.O.S. (ITASCA FILE)	43.0	
Acrylic Resin	(ITASCA FILE)	10.0	

KNOWN CARCINOGENS OR MUTAGENS - TYPE & DEFINITION - None

SECTION 4 – FIRST AID MEASURES

SKIN: Clean thoroughly with pumice-based hand cleaner, followed by soap and water.

EYES: Flush with clear water for 15 minutes and seek medical attention immediately.

BREATHING: Move victim to fresh air. If asthmatic conditions occur, call a physician.

SWALLOWING: Do NOT induce vomiting; seek medical attention immediately.

SECTION 5 – FIRE & EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 105°F. Closed Cup (ASTM D50).

FLAMMABLE LIMITS: Lel 0.9; Uel 6.0

EXTINGUISHING MEDIA: Carbon dioxide; dry chemical; foam.

SPECIAL FIRE FIGHTING PROCEDURES: If excessive fumes or smoke is encountered, wear self-contained respiratory equipment and full protective clothing.

UNUSUAL FIRE & EXPLOSION HAZARDS: Sealed containers may build up pressure if exposed to heat (fire). Water may be used to cool the exterior of the containers.

DECOMPOSITION PRODUCTS: Oxides of carbon, nitrogen, iron, and titanium, possible HCN and polyurethane combustion compounds.

SECTION 6 – SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Cover with a layer of sand or other suitable absorbent. Use protective measures as outlined under Section 8 below. Avoid contact with eyes, skin or clothing.

SECTION 7 – HANDLING & STORAGE

Avoid prolonged or repeated contact with skin. Avoid contact with moisture. Do not use in confined areas without adequate ventilation.

SECTION 8 - PERSONAL PROTECTION/EXPOSURE CONTROLS

RESPIRATORY PROTECTION (SPECIFY TYPE): In confined spaces, use fresh air hood or NIOSH certified organic vapor canister unit.

EYE PROTECTION: Safety goggles or face shield.

SKIN PROTECTION: Nitrile rubber gloves.

OTHER PROTECTIVE EQUIPMENT: Coveralls and/or rubber apron, rubber shoes or boots.

PERSONAL HYGIENE: Wash thoroughly after applying this product.

SECTION 9 - PHYSICAL DATA

BOILING POINT (F)	312° F	SPECIFIC GRAVITY (H2O=1)	1.05
VAPOR PRESSURE	10	PERCENT, VOLATILE BY VOLUME	30.0
VAPOR DENSITY (AIR=1)	4.8	EVAPORATION RATE (N.B.A.=1)	.25
SOLUBILITY IN WATER	Insoluble	pH	7

APPEARANCE & ODOR - Gray or red liquid with perfume-like odor.

SECTION 10 – REACTIVITY DATA

STABILITY: Stable.

INCOMPATIBILITY (MATERIALS TO AVOID): Water (moisture); alcohols; amines; strong acids and bases.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and nitrogen.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Storage above 100°F and/or wet conditions. Water and high heat cause exotherm and CO².

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 existing federal, state, and local environmental laws.

SECTION 14 – TRANSPORT INFORMATION

PROPER SHIPPING NAME: Paint

HAZARD CLASS: 3

PACKING GROUP: III

ID #: UN 1263

RQ: None

TRANSPORT LABELS REQUIRED: Flammable liquid. (In the U.S., this material may be re-classified as a combustible liquid and is not regulated in containers less than 119 gallons via surface transportation.)

SECTION 15 – REGULATOR INFORMATION

See reference data for individual components.

SECTION 16 – OTHER INFORMATION (HMIS RATING)

Health	2
Flammability	2
Physical Hazard	1
Personal Protection	H

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