



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

POLAFLOOR EPOXY TOPPING - PART B

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 B
CHEMICAL FAMILY: Modified Cycloaliphatic Amine

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. Causes skin and eye irritation and/or burns. May cause allergic skin reaction or skin sensitization. May cause respiratory tract irritation, allergic reaction, or sensitization. Causes severe gastrointestinal damage if swallowed.

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: May cause irritation to upper respiratory tract.

SWALLOWING: May cause gastrointestinal irritation or ulceration. May cause burns of mouth or throat.

SECTION 3 - COMPOSITION

COMPONENT	CAS #	APPROX %	TLV
Isophorone Diamine	2856-13-2	60	
Modified Aliphatic Amine	68609-08-5	40	

KNOWN CARCINOGENS OR MUTAGENS - TYPE & DEFINITION – None known

SECTION 4 – FIRST AID PROCEDURES

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; CO₂; dry chemical.
SPECIAL FIRE FIGHTING PROCEDURES: None
UNUSUAL FIRE & EXPLOSION HAZARDS: None

SECTION 6 – SPILL OR LEAK PROCEDURES

Contain spill with absorbent material. (If necessary, soak contaminated area with 5% acetic acid and wash with water. Clean up area may be slippery; if so, spread sand or grit.) Use protective measures as outlined under Section 8.

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

BOILING POINT (F)	Decomposes	SPECIFIC GRAVITY (H₂O=1)	1.05
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	8.5

APPEARANCE & ODOR - Clear, syrup-like liquid with slight ammoniacal odor.

SECTION 10 – REACTIVITY DATA

STABILITY: Stable.
INCOMPATIBILITY (MATERIALS TO AVOID): None.
HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition yields oxides of carbon and nitrogen and halides if present.
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 existing local, state and federal environmental regulations in approved metal containers.

SECTION 14 – TRANSPORT INFORMATION

Proper Shipping Name: Corrosive liquid N.O.S. (contains isophorone diamene, modified aliphatic amine)
Hazard Class: 8
Packing Group: III
ID #: UN 1760
RQ: None
Transport Labels Required: Corrosive Liquid

SECTION 15 – REGULATORY INFORMATION

See reference data for individual components.

SECTION 16 – OTHER INFORMATION (HMIS RATING)

Health	2
Flammability	1
Physical Hazard	1
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 responsibility for use of or reliance upon the information contained in this MSDS.

DATE ISSUED: OCTOBER 2007