



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

POLAFLOOR EPOXY TOPPING – PART B

SECTION 1 - IDENTIFIERS

MANUFACTURER: Andek Corporation
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In an emergency, contact CHEMTREC 1-800- 424-9300;
Outside the United States call +1-703-527-3887
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
3-aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2	>=30 - <=60	
Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl-, reaction products with bisphenol A diglycidyl ether homopolymer	68609-08-5	>=15 - <=40	
Benzyl Alcohol	100-51-6	>=30 - <=60	

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 (H ₂ O=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

ACUTE ORAL TOXICITY	Slight
ACUTE INHALATION TOXICITY	Slight
ACUTE DERMAL TOXICITY	Harmful
SENSITIZATION	Corrosive and Sensitizing
MUTAGENICTY	N/A
CARCINOGENICITY	N/A

SECTION 12 ECOLOGICAL INFORMATION

BIODEGRADATION	Not Readily
TOXICITY TO FISH	Serious
TOXICITY TO AQUATIC INVERTEBRATES	Serious
TOXICITY TO MICRO ORGANISMS	Serious
ATMOSPHERIC OXIDATION OF VOLATILES	N/A
BIOACCUMULATION	N/A
TOXICITY TO PLANTS	Serious

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

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