

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

POLAGARD A.G. – PART B

SECTION 1 - IDENTIFIERS

MANUFACTURER: Andek Corporation
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 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: Polagard A.G. Part B
 CHEMICAL FAMILY: Aliphatic Urethane Solution

SECTION 2 – HAZARD IDENTIFICATION & EMERGENCY OVERVIEW

Emergency Overview: Particulates, ashes and soot may be emitted during burning or incomplete combustion. Closed container may rupture under extreme heat.

Effects of Overexposure:

SKIN: May irritate skin.
 EYES: Contact may cause severe damage to eyes; vapor may irritate.
 BREATHING: Inhalation may cause headaches, dizziness, nausea and irritation.
 SWALLOWING: Harmful or fatal if swallowed.

SECTION 3 - COMPOSITION

COMPONENT	CAS #	APPROX %	TLV
P.M. Solvent	107-98-2	7.5	
Saturated Polyester Polyol Blend	108-32-7	55.0	
P.M. Acetate	108-65-6	36.5	
T.E.P.A.	112-57-2	1.0	

KNOWN CARCINOGENS OR MUTAGENS - TYPE & DEFINITION – None known

SECTION 4 – FIRST AID MEASURES

SKIN: Clean skin thoroughly with pumice-based hand cleaner, followed by soap and water.
 EYES: Flush with clear water for 15 minutes and seek immediate medical attention.
 BREATHING: Move victim to fresh air. If asthmatic conditions occur, call a physician.
 SWALLOWING: Do NOT induce vomiting. Seek immediate medical attention.

SECTION 5 – FIRE & EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 100°F (Closed Cup).
 FLAMMABLE LIMITS: Lel 0.9; Uel 6.0
 EXTINGUISHING MEDIA: Carbon dioxide; foam; dry chemical.
 SPECIAL FIRE FIGHTING PROCEDURES: If excessive fumes or smoke is encountered, wear self-contained equipment.
 UNUSUAL FIRE & EXPLOSION HAZARDS: Sealed containers may build up pressure if exposed to heat (fire). Water can be used to cool the exterior of the containers.

SECTION 6 – SPILL OR LEAK PROCEDURES

Cover with a layer of sand or other suitable absorbent. Use protective measures as outlined in Section 8 below. Avoid contact with eyes, skin and 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 using this product.

SECTION 9 - PHYSICAL DATA

BOILING POINT (F)	312°	SPECIFIC GRAVITY (H ₂ O=1)	1.09
VAPOR PRESSURE	10	PERCENT, VOLATILE BY VOLUME	44
VAPOR DENSITY (AIR=1)	4.8	EVAPORATION RATE (N.B.A.=1)	0.2
SOLUBILITY IN WATER	Insoluble	pH	Neutral

APPEARANCE & ODOR - Clear liquid with characteristic 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, possible HCN and polyurethane combustion compounds.

HAZARDOUS POLYMERIZATION: Will not occur.

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 regulations.

SECTION 14 – TRANSPORT INFORMATION

Proper Shipping Name:	Paint
Hazard Class:	3
Packing Group:	3
ID #:	UN 1263
RQ:	None

Transport Labels Required: Flammable Liquid (In the US, this material may be reclassified as combustible liquid and is not regulated in containers less than 119 gallons via surface transportation.

SECTION 15 – REGULATORY INFORMATION

See reference data for individual components.

SECTION 16 – OTHER INFORMATION (HMIS RATING)

Health	1
Flammability	2
Physical Hazard	0
Personal Protection	G

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