



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

**POLAGARD S**

**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: Polagard 'S'  
CHEMICAL FAMILY: Polyvinylidene Chloride Emulsion

**SECTION 2 – HAZARD IDENTIFICATION & EMERGENCY OVERVIEW**

Emergency Overview: Not considered to be hazardous. Some individuals may find the odor to be unpleasant.

Effects of Overexposure:

SKIN: May irritate skin.

EYES: Contact is unpleasant; vapor may irritate.

BREATHING: Not considered harmful; slight ammonia odor may annoy some individuals.

SWALLOWING: Although non-toxic, entry into throat may cause choking.

**SECTION 3 - COMPOSITION**

COMPONENT	CAS #	APPROX %	TLV
Polyvinyl Diene Chloride/Ethylene Acetate	25085-46-5	52.0	
Barium Sulfate	7727-43-7	30.5	
Titanium Dioxide	13463-67-7	5.0	
Calcium Silicate	1344-95-2	7.8	
Dispersant (nonionic)/Defoamer (Silicone Emulsion)	744-21-3	0.5	
Fungicides: MgNO2 CuNO2 MgC12	10377-60-3 } 3251-23-8 } 7732-18-5 }	2.0	

KNOWN CARCINOGENS OR MUTAGENS - TYPE & DEFINITION – None known

#### SECTION 4 – FIRST AID MEASURES

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SKIN: While wet, wash with water. If dry, use proprietary hand cleaner.  
EYES: Flush with plenty of water and seek medical attention.  
BREATHING: Move victim to fresh air.  
SWALLOWING: Induce vomiting and immediately call a physician.

#### SECTION 5 – FIRE & EXPLOSION HAZARD DATA

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FLASH POINT (METHOD USED): >200°F Seta.  
FLAMMABLE LIMITS: N/A  
EXTINGUISHING MEDIA: N/A  
SPECIAL FIRE FIGHTING PROCEDURES: N/A  
UNUSUAL FIRE & EXPLOSION HAZARDS: None  
DECOMPOSITION PRODUCTS: None

#### SECTION 6 – SPILL OR LEAK PROCEDURES

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Cover with a layer of sand or suitable absorbent material, or wash away with water.

#### SECTION 7 – HANDLING & STORAGE

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Avoid prolonged contact with skin. Do not consume food or beverage while handling. Do not allow to freeze; otherwise, material will be unusable and require disposal.

#### SECTION 8 – PERSONAL PROTECTION/EXPOSURE CONTROLS

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RESPIRATORY PROTECTION (SPECIFY TYPE): Unnecessary if used outdoors.  
EYE PROTECTION: Chemical splash goggles.  
SKIN PROTECTION: Neoprene rubber or polyethylene gloves.  
OTHER PROTECTIVE EQUIPMENT: Coveralls and/or rubber apron, rubber shoes or boots.  
PERSONAL HYGIENE: Wash after applying product.

#### SECTION 9 - PHYSICAL DATA

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<b>BOILING POINT (F)</b>	212°	<b>SPECIFIC GRAVITY (H2O=1)</b>	1.48
<b>VAPOR PRESSURE</b>	68	<b>PERCENT, VOLATILE BY VOLUME</b>	27
<b>VAPOR DENSITY (AIR=1)</b>	As water	<b>EVAPORATION RATE (N.B.A.=1)</b>	As water
<b>SOLUBILITY IN WATER</b>	Soluble	<b>pH</b>	9.5

APPEARANCE & ODOR - Opaque Viscous liquid with slight ammoniacal odor.

#### SECTION 10 - REACTIVITY DATA

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STABILITY: Stable.  
INCOMPATIBILITY (MATERIALS TO AVOID): None  
HAZARDOUS DECOMPOSITION PRODUCTS: None  
HAZARDOUS POLYMERIZATION: Will not occur.  
CONDITIONS TO AVOID: Do not freeze.

#### SECTION 11 – TOXICOLOGICAL INFORMATION

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See reference data for individual components.

## **SECTION 12 – ECOLOGICAL INFORMATION**

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See reference data for individual components.

## **SECTION 13 – DISPOSAL CONSIDERATIONS**

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Dispose of in accordance with local, state and federal regulations.

## **SECTION 14 – TRANSPORT INFORMATION**

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PROPER SHIPPING NAME: Paint

HAZARD CLASS: None

PACKING GROUP: N/A

ID #: N/A

RQ: N/A

TRANSPORT LABELS REQUIRED: This material is not regulated by the D.O.T.

## **SECTION 15 – REGULATORY INFORMATION**

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See reference data for individual components.

## **SECTION 16 – OTHER INFORMATION (HMIS RATING)**

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Health	1
Flammability	0
Physical Hazard	0
Personal Protection	B

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