



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

**POLAGARD FLEX-O-TEX**

**SECTION 1 - IDENTIFIERS**

MANUFACTURER: Andek Corporation  
ADDRESS: 850 Glen Avenue, Moorestown, NJ 08057  
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 Flex-O-Tex  
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**

<u>COMPONENT</u>	<u>CAS #</u>	<u>APPROX %</u>	<u>TLV</u>
Polyvinyl Diene Chloride/Ethylene Acetate	25085-46-5	26.5	
Barium Sulfate	7727-43-7	31.0	
Titanium Dioxide	13463-67-7	5.0	
Calcium Silicate	1344-95-2	8.0	
Dispersant (nonionic)/Defoamer (Silicone Emulsion)	744-21-3	0.5	
Fungicides	1897-45-6	0.3	
Silica	14808-60-7	8.7	
Water	7732-18-5	20.0	

**SECTION 4 – FIRST AID MEASURES**

SKIN: While wet, wash with water. If dry, use proprietary hand cleaner, followed by hot water.  
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**

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**

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

**SECTION 7 – HANDLING & STORAGE**

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**

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**

BOILING POINT (F)	212°	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	1.48
VAPOR PRESSURE	68	PERCENT, VOLATILE BY VOLUME	27
VAPOR DENSITY (AIR=1)	As Water	EVAPORATION RATE (N.B.A.=1)	As Water
SOLUBILITY IN WATER	Soluble	pH	9.5

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

**SECTION 10 - REACTIVITY DATA**

STABILITY: Stable

INCOMPATIBILITY (MATERIALS TO AVOID): None

HAZARDOUS DECOMPOSITION PRODUCTS: None

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Freezing will coagulate material.

**SECTION 11 TOXICOLOGICAL INFORMATION**

ACUTE ORAL TOXICITY	Minimal
ACUTE INHALATION TOXICITY	None
ACUTE DERMAL TOXICITY	Minimal
SENSITIZATION	Unlikely
MUTAGENICTY	Negative
CARCINOGENICITY	Probably Not

**SECTION 12 ECOLOGICAL INFORMATION**

BIODEGRADATION	Not Readily
TOXICITY TO FISH	Minimal
TOXICITY TO AQUATIC INVERTEBRATES	Minimal
TOXICITY TO MICRO ORGANISMS	Minimal
ATMOSPHERIC OXIDATION OF VOLATILES	None
BIOACCUMULATION	Unlikely
TOXICITY TO PLANTS	Minimal

**SECTION 13 – DISPOSAL CONSIDERATIONS**

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

**SECTION 14 - TRANSPORTATION INFORMATION**

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**

See reference data for individual components.

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

Health	1
Flammability	0
Physical Hazard	0
Personal Protection	B

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