



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

POLAGARD COLORCOAT

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 Colorcoat
CHEMICAL FAMILY: Acrylic Copolymer 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
Titanium Dioxide	13463-67-7	20.0	
Barium Sulfate	7727-43-7	5.0	
Acrylic Copolymer	N.O.S	70.0	
Water	7732-18-5	Balance	
Fungicides: MgNO ₂ CuNO ₂ MgC ₁₂	10377-60-3 3251-23-8 10034-81-8	0.2	
Dispersant (non-ionic/Silicone Emulsion)	744-21-3	0.3	

KNOWN CARCINOGENS OR MUTAGENS - TYPE & DEFINITION – None known

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: Remove to fresh air.

SWALLOWING: Induce vomiting and call a physician.

SECTION 5 – FIRE & EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): >200°F. (ASTM D-50).

FLAMMABLE LIMITS: N/A

EXTINGUISHING MEDIA: N/A

SPECIAL FIRE FIGHTING PROCEDURES: N/A

UNUSUAL FIRE & EXPLOSION HAZARDS: None

DECOMPOSITION PRODUCTS: Oxides of titanium, calcium, carbon, silicon, and halogens.

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 thoroughly after use.

SECTION 9 – PHYSICAL DATA

BOILING POINT (F)	212°	SPECIFIC GRAVITY (H2O=1)	1.37
VAPOR PRESSURE	68	PERCENT, VOLATILE BY VOLUME	40
VAPOR DENSITY (AIR=1)	As Water	EVAPORATION RATE (N.B.A.=1)	As Water
SOLUBILITY IN WATER	100%	pH	8.5

APPEARANCE & ODOR - White or colored liquid with an ammoniacal odor.

SECTION 10 - REACTIVITY DATA

STABILITY: Stable.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: None

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Freezing will coagulate material.

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: 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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