



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

POLAGARD COLORCOAT

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 Colorcoat
CHEMICAL FAMILY: Acrylic 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>
1,2 Propanediol	57-55-6	2.0	
Ethylene Glycol Monobutyl Ether	111-76-2	.8	
2,2,4 – Trimethyl – 1,3 – Pentanediol Monoisobutyrate	25265-77-4	.8	
Titanium Dioxide	13463-67-7	20.0	
Barium Sulfate	7727-43-7	5.0	
Acrylic Copolymer	25085-46-5	42.0	
Fungicide	1897-45-6	0.2	
Dispersant (non-ionic/Silicone Emulsion)	744-21-3	0.3	
Water	7732-18-5	Balance	

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

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: 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 (H ₂ O=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 (5% SLURRY)	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

ACUTE ORAL TOXICITY	Minimal
ACUTE INHALATION TOXICITY	Minimal
ACUTE DERMAL TOXICITY	Minimal
SENSITIZATION	Slight Irritant
MUTAGENICTY	Negative
CARCINOGENICITY	No Human

SECTION 12 ECOLOGICAL INFORMATION

BIODEGRADATION	Moderate
TOXICITY TO FISH	Minimal
TOXICITY TO AQUATIC INVERTEBRATES	Minimal
TOXICITY TO MICRO ORGANISMS	Minimal
ATMOSPHERIC OXIDATION OF VOLATILES	Degrades Rapidly
BIOACCUMULATION	Unlikely
TOXICITY TO PLANTS	Minimal

SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: 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 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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