



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

**POLACAV**

**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: Polacav  
CHEMICAL FAMILY: Ethylene-Styrene Copolymer 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. Vapor may irritate.  
BREATHING: Inhalation may cause headache, dizziness, nausea and irritation.  
SWALLOWING: Harmful or fatal if swallowed.

**SECTION 3 - COMPOSITION**

<u>COMPONENT</u>	<u>CAS #</u>	<u>APPROX %</u>	<u>TLV</u>
Barium Sulfate	7727-43-7	20.0	
Titanium Dioxide	13463-67-7	3.0	
Aluminum Silicate	1332-58-7	0.8	
Cyclic Hindered Phenylamine Antioxidant Blend	6683-19-8/84633-54-5	0.2	
Naphtha, Light Aromatic Solvent	64742-95-6	45.0	
White Mineral Oil	8042-47-5	6.0	
Ethylene-Styrene Copolymer	100-42-5	20.0	

KNOWN CARCINOGENS OR MUTAGENS - TYPE & DEFINITION – None known

**SECTION 4 – FIRST AID MEASURES**

SKIN: Clean thoroughly with pumice-based hand cleaner followed by soap and water.  
EYES: Flush with plenty of water and seek medical attention.  
BREATHING: Move victim to fresh air.  
SWALLOWING: Do NOT induce vomiting. Seek medical attention immediately.

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

FLASH POINT (METHOD USED): 108°F. Closed Cup (ASTM D50).  
FLAMMABLE LIMITS: Lel 0.9; Uel 6.0  
EXTINGUISHING MEDIA: Carbon dioxide; dry chemical; foam.  
SPECIAL FIRE FIGHTING PROCEDURES: If excessive fumes or smoke is encountered, wear self-contained respiratory equipment and full protective clothing.  
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.  
DECOMPOSITION PRODUCTS: Carbon (soot) and ash from incomplete combustion.

**SECTION 6 – SPILL OR LEAK PROCEDURES**

Cover with a layer of sand or suitable material. Use protective measures as outlined under Section 8 below. Avoid contact with eyes, skin or clothing.

**SECTION 7 – HANDLING & STORAGE**

Avoid prolonged or repeated contact with skin. 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 use.

**SECTION 9 - PHYSICAL DATA**

BOILING POINT (F)	312°	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	0.91
VAPOR PRESSURE	10	PERCENT, VOLATILE BY VOLUME	45
VAPOR DENSITY (AIR=1)	4.8	EVAPORATION RATE (N.B.A.=1)	0.2
SOLUBILITY IN WATER	Insoluble	pH (5% SLURRY)	Neutral

APPEARANCE & ODOR - Opaque, viscous liquid with rubbery odor.

**SECTION 10 – REACTIVITY DATA**

STABILITY: Stable.

INCOMPATIBILITY (MATERIALS TO AVOID): None

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and nitrogen.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Sparks, open flame and strong oxidizers.

**SECTION 11 TOXICOLOGICAL INFORMATION**

ACUTE ORAL TOXICITY	Slight
ACUTE INHALATION TOXICITY	Slight
ACUTE DERMAL TOXICITY	Slight
SENSITIZATION	Non Sensitizing
MUTAGENICTY	Negative
CARCINOGENICITY	Not Classifiable

**SECTION 12 ECOLOGICAL INFORMATION**

BIODEGRADATION	Not Biodegradable
TOXICITY TO FISH	Unlikely
TOXICITY TO AQUATIC INVERTEBRATES	Unlikely
TOXICITY TO MICRO ORGANISMS	Unlikely
ATMOSPHERIC OXIDATION OF VOLATILES	Degrades Rapidly
BIOACCUMULATION	Miniscule
TOXICITY TO PLANTS	Unlikely

**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:	III
ID #:	UN 1263
RQ:	None

TRANSPORT LABELS REQUIRED: Flammable liquid. (In the U.S., this material may be re-classified as a 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.



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

Health	1
Flammability	2
Physical Hazard	0
Personal Protection	G

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