

**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**

COMPONENT	CAS #	APPROX %	TLV
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**

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:	3
PACKING GROUP:	3
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.

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

Health	1
Flammability	2
Physical Hazard	0
Personal Protection	G

**Disclaimer:** Andek Corporation (Andek) believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the issue date of this Material Safety Data Sheet (MSDS). However, because the conditions of handling, use, and storage of these materials are beyond Andek's control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials and make no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations contained in this MSDS are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and data and to comply with all applicable international, federal, state, and local laws and regulations.