

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

## POLASEAL E

### **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: Polaseal E  
 CHEMICAL FAMILY: Siloxane 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: No skin irritation is expected.  
 EYES: Mildly irritating to the eyes.  
 BREATHING: Mists may cause mild irritation to the upper respiratory tract.  
 SWALLOWING: None known.

### **SECTION 3 - COMPOSITION**

COMPONENT	CAS #	APPROX %	TLV
PolyDimethylsiloxane w/amino functional groups	9043-30-5	6.0	
Fungicide: MgNO <sub>2</sub>	10377-60-3	0.3	
CuNO <sub>2</sub>	3251-23-8		
MgCL <sub>2</sub>	10034-81-8		
Silicone Emulsion	744-21-3	1.0	
Water	7732-18-5	Balance	

KNOWN CARCINOGENS OR MUTAGENS - TYPE & DEFINITION – None known

### **SECTION 4 – FIRST AID MEASURES**

SKIN: Wash contaminated areas with soap and water.  
 EYES: Immediately flush with clear water for 15 minutes and seek additional medical treatment.  
 BREATHING: Move victim to fresh air and apply first aid treatment as necessary.  
 SWALLOWING: Do NOT induce vomiting. Dilute contents of stomach with 3-4 glasses of milk or water. Contact a physician.

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

FLASH POINT (METHOD USED): >200°F (Seta).  
 FLAMMABLE LIMITS: N/A  
 EXTINGUISHING MEDIA: Dry chemical; carbon dioxide; foam; water.  
 SPECIAL FIRE FIGHTING PROCEDURES: Fire fighters should wear positive pressure self-contained breathing apparatus.  
 UNUSUAL FIRE & EXPLOSION HAZARDS: None.  
 DECOMPOSITION PRODUCTS: Thermal decomposition yields oxides of C, N, Si, K, and Na.

### **SECTION 6 – SPILL OR LEAK PROCEDURES**

Ventilate area, absorb with absorbent material and place in proper waste disposal containers.

### **SECTION 7 – HANDLING & STORAGE**

Keep container closed when not in use. Protect from freezing.

### **SECTION 8 – PERSONAL PROTECTION/EXPOSURE CONTROLS**

RESPIRATORY PROTECTION (SPECIFY TYPE): Insure adequate ventilation.  
 EYE PROTECTION: Splash-proof chemical goggles.  
 SKIN PROTECTION: Rubber gloves.  
 OTHER PROTECTIVE EQUIPMENT: Coveralls  
 PERSONAL HYGIENE: Wash thoroughly after using this product.

**SECTION 9 - PHYSICAL DATA**

BOILING POINT (F)	212°	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	1.0
VAPOR PRESSURE	20	PERCENT, VOLATILE BY VOLUME	90
VAPOR DENSITY (AIR=1)	1	EVAPORATION RATE (N.B.A.=1)	1
SOLUBILITY IN WATER	Reducible	pH	Approx. 7.5

APPEARANCE & ODOR - Milky liquid with a mildly ammoniacal odor.

**SECTION 10 - REACTIVITY DATA**

STABILITY: Stable.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong acids.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Freezing.

**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**

Health	1
Flammability	0
Physical Hazard	0
Personal Protection	B

**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.