



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

**POLASEAL VCI**

**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: Polaseal VCI  
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	10.0	
Fungicide: MgNO2 CuNO2 MgCC2	10377-60-3 3251-23-8 10034-81-8	0.3	
Cortec MCI	Trade secret	2.5	
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

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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

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

## SECTION 7 – HANDLING & STORAGE

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

## SECTION 8 – PERSONAL PROTECTION/EXPOSURE CONTROLS

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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

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<b>BOILING POINT (F)</b>	212°	<b>SPECIFIC GRAVITY (H20=1)</b>	0.98
<b>VAPOR PRESSURE</b>	20	<b>PERCENT, VOLATILE BY VOLUME</b>	90
<b>VAPOR DENSITY (AIR=1)</b>	1	<b>EVAPORATION RATE (N.B.A.=1)</b>	1
<b>SOLUBILITY IN WATER</b>	Reducible	<b>pH</b>	Approx. 8.0

## APPEARANCE & ODOR

Clear liquid with a mildly ammoniacal odor.

## SECTION 10 - REACTIVITY DATA

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STABILITY: Stable.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong acids.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Freezing.

## SECTION 11 – TOXICOLOGICAL INFORMATION

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See reference data for individual components.

## SECTION 12 – ECOLOGICAL INFORMATION

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See reference data for individual components.

## SECTION 13 – DISPOSAL CONSIDERATIONS

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Dispose of in accordance with local, state and federal regulations.

#### **SECTION 14 - TRANSPORT INFORMATION**

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PROPER SHIPPING NAME: Waterproofing compound

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**

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See reference data for individual components.

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

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Health	1
Flammability	0
Physical Hazard	0
Personal Protection	B

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The logo for Andek Corporation, featuring the word "Andek" in a bold, white, sans-serif font. The letters are set against a light blue oval background with a white border. A registered trademark symbol (®) is located at the bottom right of the oval.