

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

POLASEAL VCI

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: 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: MgNO ₂	10377-60-3	0.3	
CuNO ₂	3251-23-8		
MgCL ₂	10034-81-8		
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

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 ₂ O=1)	0.98
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. 8.0

APPEARANCE & ODOR: Clear 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:	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

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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