



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

**ANDEK FIREGARD**

**SECTION 1 – IDENTIFIER**

MANUFACTURER: Andek Corporation  
ADDRESS: 850 Glen Avenue, P.O. Box 392, Moorestown, NJ 08057 USA  
TELEPHONE: 1-856-786-6900  
In an emergency, contact CHEMTREC toll-free at 1-800-424-9300  
Outside the United States call 1-703-527-3887  
TRADE NAME: Andek Firegard  
CHEMICAL FAMILY: Polyvinyl Diene Chloride Emulsion

**SECTION 2 - COMPOSITION**

Emergency Overview: Not considered to be hazardous. Some individuals may find the odor to be unpleasant.  
Effects of Overexposure:  
SKIN: May irritate skin.  
EYES: Contact is unpleasant, vapor may irritate.  
BREATHING: Not considered harmful; slight ammonia odor may annoy some individuals.  
SWALLOWING: Although non-toxic, entry into throat may cause choking.

**SECTION 3 - COMPOSITION**

COMPONENT	CAS #	APPROX %	TLV
Polyvinyl Diene Chloride/Ethylene Acetate	25085-46-5	67.4	
Barium Sulfate	7727-43-7	10.4	
Titanium Dioxide	13463-67-7	5.5	
Calcium Silicate	1344-95-2	5.0	
Dispersant (nonionic)/Defoamer (Silicone Emulsion)	744-21-3	0.8	
Fungicides: MgNO2 CuNO2 MgC12	10377-60-3 3251-23-8 10034-81-8	0.3	
Water	7732-18-5	Balance	
Methyl Cellulose	9004-62-0	0.2	

Antimony Oxide	1309-64-4	5.5	
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KNOWN CARCINOGENS OR MUTAGENS – TYPE & DEFINITION - None

#### SECTION 4 - FIRST AID MEASURES

SKIN: While wet, wash with water. If dry, use proprietary hand cleaner followed by hot water.

EYES: Flush with plenty of water and seek medical attention.

BREATHING: Remove to fresh air.

SWALLOWING: Induce vomiting and call a physician.

#### SECTION 5 - FIRE & EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): >200°F. (ASTM D50)

FLAMMABLE LIMITS: N/A

EXTINGUISHING MEDIA: N/A

SPECIAL FIRE FIGHTING PROCEDURES: N/A

UNUSUAL FIRE & EXPLOSION HAZARDS: None

DECOMPOSITION PRODUCTS: Oxides of calcium, carbon, silicon, antimony, barium, titanium, and halogens.

#### SECTION 6 - SPILL OR LEAK PROCEDURES

Cover with a layer of sand or suitable absorbent material, or wash away with water.

#### SECTION 7 - HANDLING & STORAGE

Avoid prolonged contact with skin. Do not consume food or beverage while handling. Do not allow to freeze; otherwise material will be unusable and require disposal.

#### SECTION 8 - PERSONAL PROTECTION/EXPOSURE CONTROLS

RESPIRATORY PROTECTION (SPECIFY TYPE): Unnecessary if used outdoors.

EYE PROTECTION: Chemical splash goggles.

SKIN PROTECTION: Neoprene rubber or polyethylene gloves.

OTHER PROTECTIVE EQUIPMENT: Coveralls and/or rubber apron, rubber shoes or boots.

PERSONAL HYGIENE: Wash thoroughly after use.

#### SECTION 9 – PHYSICAL DATA

<b>BOILING POINT (F)</b>	212°	<b>SPECIFIC GRAVITY (H20=1)</b>	1.37
<b>VAPOR PRESSURE</b>	68	<b>PERCENT, VOLATILE BY VOLUME</b>	40
<b>VAPOR DENSITY (AIR=1)</b>	As Water	<b>EVAPORATION RATE (N.B.A.=1)</b>	As Water
<b>SOLUBILITY IN WATER</b>	Soluble	<b>pH</b>	8.5

#### APPEARANCE & ODOR

White or colored liquid with slight ammoniacal odor.

#### SECTION 10 - REACTIVITY DATA

STABILITY: Stable.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: None

HAZARDOUS POLYMERIZATION: Will not occur.  
CONDITIONS TO AVOID: Freezing will coagulate material.

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**SECTION 11 - TOXICOLOGICAL INFORMATION**

See reference data for individual components.

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**SECTION 12 - ECOLOGICAL INFORMATION**

See reference data for individual components.

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**SECTION 13 - DISPOSAL CONSIDERATIONS**

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

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**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.

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**SECTION 15 - REGULATORY INFORMATION**

See reference data for individual components.

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**SECTION 15 - OTHER INFORMATION (HMIS RATING)**

Health	1
Flammability	0
Physical Hazard	0
Personal Protection	B

*This information accumulated herein is believed to be accurate but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm, in advance of need, that the information is current, applicable and suitable to their circumstances. Andek Corporation assumes no legal responsibility for use of or reliance upon the information contained in this MSDS.*

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