



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

BOILING POINT (F)	212°	SPECIFIC GRAVITY (H2O=1)	1.37
VAPOR PRESSURE	68	PERCENT, VOLATILE BY VOLUME	40
VAPOR DENSITY (AIR=1)	As Water	EVAPORATION RATE (N.B.A.=1)	As Water
SOLUBILITY IN WATER	Soluble	pH	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.

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 15 - OTHER INFORMATION (HMIS RATING)

Health	1
Flammability	0
Physical Hazard	0
Personal Protection	B

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