

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

## ANDEK FIREGARD

### **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: Andek Firegard  
 CHEMICAL FAMILY: Polyvinyl Diene Chloride 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: 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	
Antimony Oxide	1309-64-4	2.8	
Zinc Borate	138265-88-0	2.7	
Dispersant (nonionic)/Defoamer (Silicone Emulsion)	744-21-3	0.8	
Fungicides:			
MgNO <sub>2</sub>	10377-60-3	0.3	
CuNO <sub>2</sub>	3251-23-8		
MgCL <sub>2</sub>	10034-81-8		
Methyl Cellulose	9004-62-0	0.2	
Water	7732-18-5	Balance	

KNOWN CARCINOGENS OR MUTAGENS - TYPE & DEFINITION – None known

### **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 (H <sub>2</sub> O=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 16 – OTHER INFORMATION (HMIS RATING)**

Health	1
Flammability	0
Physical Hazard	0
Personal Protection	B

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