



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

SILVER FILM

SECTION I – 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: Silver Film
CHEMICAL FAMILY: Aluminum Pigmented Thermoplastic Resin Solution

SECTION II - COMPOSITION

COMPONENT	CAS #	APPROX %	TLV
Aluminum Polished Flake	7429-90-5	35.0	
Mineral Spirit	8052-41-3	10.0	
Chlorinated Paraffin	8002-74-2	5.0	
Epoxidized Hydrocarbon Thermoplastic Resin	25068-38-6	40.0	
Naptha, Light Aromatic Solvent	64742-95-6	10.0	

KNOWN CARCINOGENS OR MUTAGENS – TYPE & DEFINITION - None

SECTION III – PHYSICAL DATA

BOILING POINT (F)	400°	SPECIFIC GRAVITY (H20=1)	0.95
VAPOR PRESSURE	10	PERCENT, VOLATILE BY VOLUME	20
VAPOR DENSITY (AIR=1)	4.8	EVAPORATION RATE (N.B.A.=1)	0.2
SOLUBILITY IN WATER	Insoluble	pH (5% SLURRY)	7

APPEARANCE & ODOR

Silver bright liquid with mineral spirit odor.

SECTION IV - FIRE & EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 107°F Tag Closed Cup (ASTM D50).

FLAMMABLE LIMITS: Lel 0.9%; Uel 6.0%

EXTINGUISHING MEDIA: Carbon dioxide; foam; dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: Use air supplied breathing equipment for enclosed areas. Cool exposed containers with water spray.

UNUSUAL FIRE & EXPLOSION HAZARDS: Sealed containers may build up pressure if exposed to heat (fire).

DECOMPOSITION PRODUCTS: Chlorine and HCL in small quantities from high temperature combustion.

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

SKIN: May irritate skin.

EYES: Contact may cause severe damage. Vapor may irritate.

BREATHING: Inhalation may cause headache, dizziness, nausea and irritation.

SWALLOWING: Harmful or fatal if swallowed.

FIRST AID PROCEDURES:

SKIN: Clean thoroughly with pumice-based hand cleaner, followed by soap and water.

EYES: Flush with clear water for 15 minutes and seek immediate medical attention.

BREATHING: Move victim to fresh air.

SWALLOWING: Do NOT induce vomiting. Seek medical attention immediately.

SECTION VI - REACTIVITY DATA

STABILITY: Stable.

INCOMPATIBILITY (MATERIALS TO AVOID): Water (moisture); alcohols; amines; oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and nitrogen.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Heat, sparks and open flame.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Cover with a layer of sand or other suitable absorbent. Use protective measures as outlined under Section VIII below. Avoid contact with eyes, skin or clothing.

WASTE DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations; absorb with sand.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE): In confined spaces, use fresh air hood or NIOSH certified vapor canister unit.

EYE PROTECTION: Safety goggles or face shield.

SKIN PROTECTION: Nitrile rubber gloves.

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

PERSONAL HYGIENE: Wash thoroughly after handling.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING:

Avoid prolonged or repeated contact with skin. Avoid contact with moisture. Do not use in confined areas without adequate ventilation.

SECTION X - TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Paint

HAZARD CLASS: 3

PACKING GROUP: III

ID #: UN 1263

RQ: None

TRANSPORT LABELS REQUIRED: Flammable liquid. (In the U.S., this material may be re-classified as a combustible liquid and is not regulated in containers less than 119 gallons via surface transportation.)

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.

Date Issued: JUNE 2003

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