



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

COCOON 72634 USDA

SECTION 1 - IDENTIFIERS

MANUFACTURER: Andek Corporation
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TRADE NAME: Cocoon 72634 USDA

SECTION 2 – HAZARD IDENTIFICATION & EMERGENCY OVERVIEW

Emergency Overview: Toxic gases may be given off during burning or thermal decomposition. Closed containers may forcibly rupture under extreme heat.

Effects of Overexposure:

SKIN: Frequent or prolonged contact may irritate and cause dermatitis. Low order toxicity.
EYES: Irritating and will injure eye tissue if not removed promptly; vapors may irritate eyes.
BREATHING: High vapor concentrations are irritating to the eyes and the respiratory tract, may cause headaches, drowsiness, and dizziness; are anesthetic or narcotic and may have other central nervous system effects.
SWALLOWING: Minimal toxicity. Small amounts of the liquid aspirated into the respiratory system during ingestion, or from vomiting, may cause bronchopneumonia or pulmonary edema; no hazards anticipated from ingestion incidental to industrial exposure.

SECTION 3 - COMPOSITION

COMPONENT	CAS #	APPROX %	TLV
Toluene	108-88-3	27.8	
Copolymer of: Vinyl chloride + Vinyl Acetate	9003-22-9	16.7	
Acetone	67-64-1	41.2	
Di-2-ethylhexyl Phthalate	117-81-7	8.1	
Phosphorous Acid, Diisodecyl Phenyl Ester	25550-98-5	0.5	
Titanium Dioxide	13463-67-7	5.7	

SECTION 4 – FIRST AID MEASURES

SKIN: Immediately flush with large amounts of water; use soap if available; remove contaminated clothing, including shoes, after flushing has begun.
EYES: Immediately flush eyes with large amounts of water for at least 15 minutes; get prompt medical attention.
BREATHING: Using proper respiratory protection, immediately remove the affected victim from exposure; administer artificial respiration if breathing has stopped; keep at rest; get prompt medical attention.
SWALLOWING: First aid is not normally required; induce vomiting if large quantity is ingested; call a physician.

SECTION 5 – FIRE & EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 0°F. TCC
FLAMMABLE LIMITS: None LEL: 3% UEL: 12%
EXTINGUISHING MEDIA: Carbon dioxide or dry chemical
SPECIAL FIRE FIGHTING PROCEDURES: Do not use water or soda acid. Use respiratory protection.
UNUSUAL FIRE & EXPLOSION HAZARDS: Explosion limits approximately 3% to 12%. Handle similar to fighting Toluene or Ketone fire.

SECTION 6 – SPILL OR LEAK PROCEDURES

Clean up immediately. If spill is excessive, ventilate area. No smoking, open flame, sparks, etc.

SECTION 7 – HANDLING & STORAGE

Store in cool place in closed containers away from fire hazards. Post NO SMOKING, NO WELDING, NO OPEN FLAME signs in work area.

SECTION 8 – PERSONAL PROTECTION/EXPOSURE CONTROLS

RESPIRATORY PROTECTION: Organic vapor respirator or fresh air hood. Ventilate work area properly.
VENTILATION: Portable explosion proof fans. No smoking, open flame, sparks, or excessive heat.
PROTECTIVE GLOVES: Not required. Non-static, chemical resistant, if desired.
EYE PROTECTION: Not required. Goggles or safety glasses, if desired.

PROTECTIVE CLOTHING: Non-static clothing and shoes.
 WORK/HYGIENIC PRACTICES: Wash with soap and water.

SECTION 9 - PHYSICAL DATA

BOILING POINT (F)	149°F	SPECIFIC GRAVITY (H ₂ O=1)	.91
VAPOR PRESSURE	N/A	MELTING POINT	N/A
VAPOR DENSITY (AIR=1)	Heavier	EVAPORATION RATE (N.B.A.=1)	4.5
SOLUBILITY IN WATER	Slight	V.O.C.	2.12 lb/gal - 254 g/l

APPEARANCE & ODOR - Lacquers, Ketone Solvents (nail polish)

SECTION 10 - REACTIVITY DATA

STABILITY: Stable.

HAZARDOUS DECOMPOSITION OR BY- PRODUCTS: Unknown. Possibly slight amounts of HCL, carbon dioxide, and some carbon monoxide.

HAZARDOUS POLIMERIZATION: Will not occur.

CONDITIONS TO AVOID: Keep away from oxidizing agents and open flame when containers are open.

MATERIALS TO AVOID: Oxidizing agents.

SECTION 11 TOXICOLOGICAL INFORMATION

ACUTE ORAL TOXICITY	Slight
ACUTE INHALATION TOXICITY	Moderate
ACUTE DERMAL TOXICITY	Slight
SENSITIZATION	Irritating
MUTAGENICTY	Slight Animal
CARCINOGENICITY	Possible 2B

SECTION 12 ECOLOGICAL INFORMATION

BIODEGRADATION	Partial
TOXICITY TO FISH	Minimal
TOXICITY TO AQUATIC INVERTEBRATES	Minimal
TOXICITY TO MICRO ORGANISMS	Minimal
ATMOSPHERIC OXIDATION OF VOLATILES	Degrades Rapidly
BIOACCUMULATION	Slight
TOXICITY TO PLANTS	Minimal

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of in accordance with existing federal, state and local environmental laws.

SECTION 14 – TRANSPORT INFORMATION

PROPER SHIPPING NAME:	Paint
HAZARD CLASS:	3
PACKING GROUP:	II
ID #:	UN 1263
RQ:	None

TRANSPORT LABELS REQUIRED: Flammable liquid

SECTION 15 – REGULATORY INFORMATION

See reference data for individual components.

SECTION 16 – OTHER INFORMATION (HMIS RATING)

Health	2
Flammability	3
Physical Hazard	1
Personal Protection	H

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