



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

**COCOON 501**

**SECTION 1 - IDENTIFIERS**

MANUFACTURER: Andek Corporation  
ADDRESS: 850 Glen Avenue, Moorestown, NJ 08057  
TELEPHONE: (856) 786-6900 or emergency (800) 424-9300 (CHEMTREC)  
TRADE NAME: Cocoon 501

**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	28.0	
Butene Dioic Acid Polymer w/ Chloroethene and Ethenyl Acetate	9005-09-8	29.6	
Acetone	67-64-1	42.0	
Vinyl Acetate	108-06-4	0.2	
Methyl Isobutyl Ketone	108-10-1	0.2	

KNOWN CARCINOGENS OR MUTAGENS: Vinyl Acetate – IARC possible carcinogen; 2B

#### SECTION 4 – FIRST AID MEASURES

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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

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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

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

#### SECTION 7 – HANDLING & STORAGE

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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

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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

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<b>BOILING POINT (F)</b>	149°	<b>SPECIFIC GRAVITY (H2O=1)</b>	0.91
<b>VAPOR PRESSURE</b>	N/A	<b>PERCENT, VOLATILE BY VOLUME</b>	N/A
<b>VAPOR DENSITY (AIR=1)</b>	Heavier	<b>EVAPORATION RATE (N.B.A.=1)</b>	4.5
<b>SOLUBILITY IN WATER</b>	Slight	<b>V.O.C.</b>	2.12 lb/gal - 254 g/l

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

## **SECTION 10 - REACTIVITY DATA**

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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**

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See reference data for individual components.

## **SECTION 12 – ECOLOGICAL INFORMATION**

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See reference data for individual components.

## **SECTION 13 – DISPOSAL CONSIDERATIONS**

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

## **SECTION 14 – TRANSPORT INFORMATION**

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PROPER SHIPPING NAME: Paint

HAZARD CLASS: 3

PACKING GROUP: 11

ID #: UN 1263

RQ: None

TRANSPORT LABELS REQUIRED: Flammable liquid

## **SECTION 15 – REGULATORY INFORMATION**

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See reference data for individual components.

## **SECTION 16 – OTHER INFORMATION (HMIS RATING)**

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Health	2
Flammability	3
Physical Hazard	1
Personal Protection	H

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DATE ISSUED: OCTOBER 2007