



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

COCOON 111

SECTION 1 - IDENTIFIERS

MANUFACTURER: Andek Corporation
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TELEPHONE: (856) 786-6900 or emergency (800) 424-9300 (CHEMTREC)
TRADE NAME: Cocoon 111

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

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° | SPECIFIC GRAVITY (H2O=1) | 0.91 |
| VAPOR PRESSURE | N/A | PERCENT, VOLATILE BY VOLUME | 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

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 existing federal, state and local environmental laws.

SECTION 14 – TRANSPORT INFORMATION

PROPER SHIPPING NAME: Paint
HAZARD CLASS: 3
PACKING GROUP: 11
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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