

REF#:H1

M A T E R I A L   S A F E T Y   D A T A   S H E E T

MANUFACTURER:

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Emergency Phone: 562 598 8808 Contact: Steve Taylor

SECTION I

IDENTITY: ULTRACURE 971 LIQUID REF# H1

SECTION II - Ingredients/Identity Information

COMPONENT: Acrylic Polymer, dispersed in water

OSHA PEL: Not Established

ACGIH TLV: Not Established

Not a hazardous material as defined in title 29 CFR parts  
1900 to 1910

SECTION III - Physical/Chemical Characteristics

Boiling Point: 100C (210F) Specific Gravity: 1-1.2

Vapor Pressure: <1 Melting Point: NA

Vapor Density :( 20C) 17 Evaporation Rate :< 1(butyl/acetate=1)

Solubility in Water: Dilutable

Appearance and Order: Milky White liquid; slight odor

SECTION IV - Fire and Explosion Hazard Data

Flash Point: Non-combustible Flammable Limits: NA

Extinguishing Media: NA

Special Fire Fighting Procedures:

Unusual Fire and Explosion Hazards: Material can splatter  
above 100C. Dried polymer film can burn.

SECTION V - Reactivity Data

Stability: Stable

Conditions to avoid: temperatures over 177c (350f)

Incompatibility: Materials that react violently with water.

Hazardous Decomposition or byproducts: Monomer vapors may be  
evolved when product is over heated.

Hazardous Polymerization: Will Not Occur

SECTION VI - Health Hazard Data

Primary Routes of Entry:

Inhalation - YES Skin - YES Ingestion - NO

Health Hazards:

Inhalation: Vapor or mist can cause headache, nausea & irritation of  
the nose, throat and lungs.

Skin Contact: Irritation to skin upon repeated or prolonged contact.

Eye Contact: Slightly irritating to eyes.

Carcinogenicity:

NTP - No IARC Monographs - No OSHA Regulated - No

Signs and symptoms of exposure: Reddening of eyes, & skin upon contact.

Coughing upon inhalation of vapors.

Medical Conditions Aggravated by Exposure: Hypersensitive individuals

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may develop allergenic dermatitis. Emergency and First Aid procedures:  
Inhalation: Move subject to fresh air.  
Eye and Skin contact: Flush eyes with large amount of water for 15 min. Wash affected area with soap & water, if irritation persists see physician. If accidentally ingested-contact physician.

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SECTION VII- Precautions for Safe Handling and Use

Released or Spilled: Floor will be slippery; use care to avoid falling. Contain spills with sand or earth. Transfer to containers for recovery or disposal.  
Waste Disposal Method: Coagulate the emulsion by stepwise addition of ferric chloride and lime. Remove the supernatant liquid & flush to chemical sewer. Landfill or incinerator the solids.  
Precautions to be taken in handling and storing: Keep from freezing, keep temperature below 100c.  
Other Precautions: Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.

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SECTION VIII - Control Measures

Respiratory Protection: Not required if good ventilation maintained, OSHA approved mask for chemical vapors.  
Ventilation: Local exhaust- YES; if heated above 170c, use ventilation with minimum capture velocity of 100ft/min.  
Mechanical: NA  
Protective Gloves: Impervious  
Eye Protection: ANSI-87.1 or equivalent chemical splash goggles.  
Other Protective Clothing: NA  
Work/Hygienic Practices: Normal care & cleanliness will prevent adverse health effects.

NA=NOT APPLICABLE      NE=NOT ESTABLISHED      C=CENTIGRADE

F=FAHRENHEIT      DATE REVISED: 4/28/03

Disclaimer

The information presented 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 circumstance.