

2N10610

Micel, Inc. 1240 N. Knollwood Circle Anaheim, CA 92801

**MATERIAL SAFETY DATA SHEET**

N.F.P.A. Rating: Health (2), Flamability (2), Reactivity (0)

**I. PRODUCT IDENTIFICATION**

Trade name (as labeled): Ultima Strip

Chemical names, common names: Epoxy Paint Stripper

Manufacturer's name: MICEL, INCORPORATED

Address: 1240 N. KNOLLWOOD CIRCLE ANAHEIM CA 92801

Emergency phone: 1-800-424-9300

Name of preparer\*: Technical Dept.

Business phone: 714/995-3300

Date prepared: April 18, 1996

**II. HAZARDOUS INGREDIENTS**

<u>Chemical Names</u>	<u>CAS Numbers</u>	<u>Percent*</u>	<u>Exposure Limits in Air</u>		
			<u>ACGIH(TLV)</u>	<u>OSHA(PEL)</u>	<u>OTHER</u>
Monoethanolamine	141-43-5	<30%	3 ppm	3 ppm	6 ppm(stel)
N-Methyl-2-Pyrrolidone	872-50-4	<60%	100 ppm (estimated)		

**III. PHYSICAL PROPERTIES**

V.O.C.: 8.23 Lbs. per Gallon 990 Grams per Liter  
Vapor density (air=1): less than 0.3 Melting point or range, F: N/D  
Specific gravity: 1.05 ± .05 Boiling point or range, F: 212°  
Solubility in water: Complete pH 12.5 ± .06  
Vapor pressure, mmHg at 20 deg C: N/D  
Evaporation rate (butyl acetate=1): <1  
Appearance and odor: Clear liquid with ammoniacal odor

HOW TO DETECT THIS SUBSTANCE\* (warning properties of substance as a gas, vapor, dust, or mist): Alkalinity and other physical properties.

**IV. FIRE AND EXPLOSION**

Flash Point, F (give method): 204°F Closed cup

Autoignition temperature, F: 450°F

Flammable limits in air, volume %: lower Unknown upper Unknown Fire

extinguishing materials:

water spray  carbon dioxide  other:  
 foam  dry chemical

Special firefighting procedures: Normal procedures for burning liquids.

Unusual fire and explosion hazards:

Exposure to open flame may generate corrosive fumes of amines and/or oxides of carbon and nitrogen.

## V. HEALTH AND HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE for each potential route of exposure.

Inhaled: May cause respiratory irritation, nausea, headache and dizziness.

Contact with skin or eyes: May be corrosive to skin or eyes.

Absorbed through skin: It may absorb through skin but not readily.

Swallowed: It may upset the digestive system.

Acute: It may cause skin, respiratory and eye irritation, dizziness and headache.

Chronic: Repeated exposure may injure liver and kidney. Prolonged exposure may result in central nervous system problems.

### FIRST AID: EMERGENCY PROCEDURES

Eye Contact: Flush immediately with copious amounts of water for at least 15 minutes. Seek medical attention if irritation persists.

Skin Contact: Flush immediately with water for at least 15 minutes. Seek medical advice if irritation persists.

Inhaled: Remove patient to fresh air.

Swallowed: Administer several glasses of water followed by citric juice or 1/2 - 1 glass of milk. Do not induce vomiting. Seek medical attention.

### SUSPECTED CANCER AGENT?

NO: This product's ingredients are not found in the lists below.

YES: NO Federal OSHA NO NTP NO IARC NO Cal/OSHA(see note)\*

NOTE: California employers using Cal/OSHA-regulated carcinogens must register with Cal/OSHA.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing lung disease (pulmonary), asthma and skin diseases may be aggravated by over-exposure

RECOMMENDATIONS TO PHYSICIAN: There is no specific antidote. Treatment should be directed at clinical conditions and symptoms control.

## VI. REACTIVITY DATA

Stability: X Stable    Unstable

Conditions to avoid:

Incompatibility (materials to avoid): Strong oxidizers and materials that react violently with strong acids.

Hazardous decomposition products (including combustion products):

When subjected to combustion it may generate carbon monoxide, carbon dioxide and nitrogen oxides.

Hazardous polymerization:    May occur X Will not occur

Conditions to avoid:

## VII. SPILL, LEAK AND DISPOSAL PROCEDURES

Spill response procedures (include employee protection measures):

Transfer to suitable containers for disposal. Absorb residue on clay or flush with water. Wear full protective safety equipment.

Preparing wastes for disposal (container types, neutralization, etc.):

Neutralize to pH of 7 or 8 with diluted sulfuric acid. Decant supernant which could be disposed into sewer system. Dispose remaining sludge in a sanitary landfill.

NOTE: Dispose of all wastes in accordance with federal, state and local regulations.

## VIII. SPECIAL HANDLING INFORMATION

Ventilation and engineering controls: Local exhaust to keep vapor and mist concentration below TLV.

Respiratory protection: Use NIOSH approved respirators at all times.

Eye protection (Type): Chemical goggles or face shields.

Glove (specify material): Rubber or acid resistant gloves.

Other clothing and equipment: Aprons and overalls if necessary.

Work practices, hygienic practices: Wash hands before touching any food consumption. Avoid repeated or prolonged breathing of vapors.

Other handling and storage requirements: Keep away from heat, direct sunlight, sparks, open flame and oxidizers. Store in a well ventilated area. Keep containers tightly closed.

Protective measures during maintenance of contaminated equipment:

Treat empty containers as if they are full and do not fill them with anything else.

## IX. LABELING

Labeling (precautionary statements)\*: Please read and comprehend MSDS and warning labels before using product.

D.O.T. Label\*: Corrosive Liquid, n.o.s. (contains ETHANOLAMINE solution), 8, UN 1760, PG II

SARA TITLE III SECT.313:

This product contains the following chemicals subject to the reporting requiremnts of SARA Title III Sect. 313.:

CHEMICAL NAME	CAS REG NO.	WGT. PERCENT
N-Methyl-2-Pyrrolidone	872-50-4	<60

\*Not required. Space has been provided on this form for optional use

MSDS\Ultima Strip

Revised 8/09/96 RP