

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

MATERIAL SAFETY DATA SHEET

N.F.P.A. Rating: Health (3), Flammability (0), Reactivity (2)

I. PRODUCT IDENTIFICATION

Trade name (as labeled): ACID PAINT STRIP 100

Chemical names, common names: Acid Paint Strip

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: May 22, 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>

Sulfuric Acid	7664--93-9	>95%	1 mg/m ³	mg/m ³
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III. PHYSICAL PROPERTIES

Vapor density (air=1): <0.3 @ 25°C (77°F)

Melting point or range, F: 14°C (6°F)

Specific gravity: 1.84 Boiling point or range, F: 310°C (590°F)

Solubility in water: Infinite @ 20°C.

Vapor pressure, mmHg at 20°C: 1 @ 146°C (250°F)

Evaporation rate (butyl acetate=1): N/D

Appearance and odor: Colorless, oily liquid.

HOW TO DETECT THIS SUBSTANCE* (warning properties of substance as a gas, vapor, dust, or mist):

IV. FIRE AND EXPLOSION

Flash Point, F (give method): Not combustible.

Auto-ignition temperature, F: N/A

Flammable limits in air, volume %: lower N/A upper N/A

Fire extinguishing materials:

X water spray

X carbon dioxide

_ other:

X foam

X dry chemical

Special fire fighting procedures: In the event of a fire, wear full protective clothing and NIOSH approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

Unusual fire and explosion hazards: Not combustible, but substance is a strong oxidizer and its heat of reaction with reducing agents or combustibles may cause ignition.

V. HEALTH AND HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE for each potential route of exposure.

Inhaled: Inhalation produces damaging effects on the mucous membranes and upper respiratory tract. May cause lung edema. Symptoms may include irritation of the nose and throat, and labored breathing.

Contact with skin or eyes: Skin: Corrosive, symptoms are redness, pain, and severe burns can occur. Eye: Corrosive. Splashes can cause blurred vision, redness, pain and severe tissue burns.

Absorbed through skin: N/D

Swallowed: Corrosive. Swallowing can cause severe burns of the mouth, throat, and stomach, leading to death. Can cause sore throat, vomiting and diarrhea.

Acute: Persons with pre-existing skin disorders or eye problems or impaired respiratory function may be more susceptible to the effects of the substance.

Chronic: Long-term exposure to mist or vapors may cause damage to teeth.

FIRST AID: EMERGENCY PROCEDURES

Eye Contact: Wash eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

Skin Contact: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician.

Inhaled: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Swallowed: DO NOT INDUCE VOMITING. Give large quantities of water. Never give anything by mouth to an unconscious person.

SUSPECTED CANCER AGENT?

NO: This product's ingredients are not found in the lists below.
YES: Federal OSHA NTP IARC Cal/OSHA (see note)*

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

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: N/D

RECOMMENDATIONS TO PHYSICIAN: N/D

VI. REACTIVITY DATA

Stability: X Stable Unstable

Conditions to avoid: N/D

Incompatibility (materials to avoid): Water, bases, organic material, halogens, metal acetylides, oxides and hydrides, strong oxidizing and reducing agents and may other reactive substances.

Hazardous decomposition products (including combustion products): Toxic fumes oxides of sulfur. Will react with water or steam to produce toxic and corrosive fumes. Reacts with carbonates to generate carbon dioxide gas, and with cyanides and sulfides to form poisonous hydrogen cyanide and hydrogen sulfide respectively.

Hazardous polymerization: _May occur X _Will not occur

VII. SPILL, LEAK AND DISPOSAL PROCEDURES

Spill response procedures (include employee protection measures):
Dike and cover leaking or spilled liquid with dirt, vermiculite, kitty-litter or other inert absorbent. Cover spill with sodium bicarbonate or soda ash and mix. Clean-up personnel require protective clothing and respiratory protection from vapors and mists. Neutralized waste may be containerized and disposed in RCRA approved disposal facility. Flush area of spill with dilute soda ash solution and discard to sewer.

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

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

VIII. SPECIAL HANDLING INFORMATION

Ventilation and engineering controls: A system of local and/or general exhaust.

Respiratory protection: NIOSH approved respirator.

Eye protection (Type): Use chemical safety goggles and/or a full face shield where splashing is possible. Contact lenses should not be worn when working with this material. Maintain eye wash fountain and quick-drench facilities in work area.

Glove (specify material): Gauntlet gloves.

Other clothing and equipment: Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls to prevent skin contact.

Work practices, hygienic practices: N/D

Other handling and storage requirements: Store in a cool, dry, ventilated storage area with acid resistant floors and good drainage. Protect from physical damage. Keep out of direct sunlight and away from heat, water, and incompatible materials. Do not wash our container and use it for other purposes.

Protective measures during maintenance of contaminated equipment:
When diluting, always add the acid to water; never add water to the acid.

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 Sulfuric Acid), 8, UN 1830, PG II

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

MSDS\Acid Paint Strip 100