

I. PRODUCT IDENTIFICATION

Trade Name: **UC-404**
Chemical Name: Styrene Acrylic Co-Polymer Emulsion
Chemical Family: Organic Polymer
DOT Classification: Not Regulated
Date: 9/21/05

II. HAZARDOUS INGREDIENTS

29 CFR 1200 Hazardous Ingredients/Reported Health Effects
CAS Registry No. TLV Material Description Percent
** No Hazardous Ingredients **

III. PHYSICAL DATA

Percent Volatile: 52% as Water
Appearance: White Liquid
Odor: Sweet, Pleasant
Specific Gravity: 1.01
Boiling Point: >212 Deg F

IV. FIRE AND EXPLOSION DATA

Flash Point: N/A
Extinguishing Media: Use Foam, carbon dioxide or chemical fire fighting apparatus.
Special Fire Fighting Procedures: Firefighters and others exposed to vapors or products of combustion should wear self-contained breathing apparatus.
Unusual Fire and Explosion Hazards: Water spray may be used for cooling containers to prevent possible pressure build-up when exposed to extreme heat.

V. REACTIVITY DATA

Stability: Normally stable as defined in NEPA 704-12 (4-3.1).
Incompatibility: Strong, oxidizing agents and water sensitive materials.
Hazardous Decomposition Products: Thermal decomposition may yield carbon dioxide and/or carbon monoxide.
Conditions to Avoid: Do not freeze.

VI. HEALTH HAZARD DATA

Primary Routes of Entry/Effects of Overexposure:
Eye Contact: Mild Irritation, redness and tearing.
Skin Irritation: Prolonged or repeated contact may cause moderate irritation to the point of vesticulation.

Ingestion: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Inhalation: Prolonged or repeated exposure to vapors is a primary irritant to nasal passages and upper respiratory tract.

VII. EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush with clear lukewarm water for at least 15 minutes, occasionally lifting the eyelids. Contact a physician.
Skin Contact: Remove contaminated clothing, wash affected areas thoroughly with soap and water. If irritation persists, see a physician.
Ingestion: DO NOT induce vomiting . Contact a physician immediately.

VIII. SPILL OR LEAK PROCEDURES

Evacuate non-essential personnel. Remove all sources of ignition. Ventilate the area. Equip employees with the appropriate equipment (See Section X.). Dike around spilled material. Pour liquid decontaminate over spill and allow to react for 10 minutes. Collect material in open containers; add additional decontaminate. Remove containers to a safe area and cover.
Decontaminate Solution: 20% Union Carbide Tergitol TMN-10 and 80% water.
For Small Quantities: Mop up or absorb inert material and place in containers.

IX. HANDLING AND STORAGE PRECAUTIONS

Drums: Protect against physical damage. Store in a cool dry area in an upright position.
Bulk: Storage should be in High Density Polyethylene or Fiber Reinforced Plastic liquid storage tanks. Stainless steel or lined carbon steel liquid storage tanks are also acceptable.
Do Not Freeze. Store at ambient room temperature.

X. PERSONAL PROTECTION INFORMATION

Protective Gloves: Chemical Resistant Gloves.
Eye Protection: Safety Glasses and a full face shield.
Other Protective Equipment: A Chemical Resistant Apron, Eye Bath and Safety Shower.

Hazardous Materials Identification System (HMIS):

Health	1	Slightly Toxic
Fire	0	Minimal Hazard
Reactivity	0	Stable
Personal Protection	B	Safety Glasses, Gloves

XI. WASTE DISPOSAL METHOD

Recover free liquid. Waste material must be disposed of on accordance with federal, state and local environmental regulatory controls.

XII. REGULATORY INFORMATION

Department of Transportation Regulations: Not regulated by DOT - HMR

SARA and WHMIS Classification: This material is not categorized as a hazardous substance as defined by SARA Title III regulations (40 CFR 370).

Canadian WHMIS Classification: Not WHMIS Hazardous

SARA Section 313 Listed Ingredients: UC-404 does not contain any substance which is subject to the reporting requirements of 40 CFR 372.

RCRA Regulations: At this time, UC-404 or its containers would not be considered hazardous wastes as defined under the federal RCRA regulations (40 CFR 261) if discarded. Care should be taken, however, to ensure that the material or its containers are disposed of in an approved facility in accordance with current federal, state and regulations. Additional information may be obtained by contacting your state or waste agency or the United States Environmental Agency's RCRA hotline (1.800.424.9346 or 1.202.382.3000).

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(1.800.424.9346

XIII. COMMUNICATION WITH EMPLOYEES

This Material Safety Data Sheet (MSDS) alerts the reader to potential safety health hazards of this adhesive. It also contains valuable reference material relating to the safe use and handling of this product. Make sure that this information is shared with all employees and purchasers who use or handle this adhesive. It is an important part of the OSHA hazard communication program.

XIV. OTHER COMMENTS

We recommend that containers be professionally reconditioned for use by certified firms to help reduce the possibility of an accident. Disposal of containers should be in accordance with applicable federal, state and local laws and regulations. "Empty" drums should not be given to individuals.

The information in this MSDS was obtained from sources which we believe are reliable. However, this information is provided without any representation or warranty, expressed or implied, regarding its accuracy or completeness.

The conditions of handling, storage, use and disposal of this product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.