

I. PRODUCT IDENTIFICATION

Trade Name: **YC-50**
Chemical Name: Acrylic Co-Polymer Emulsion (CAS Number 25280-35-7)
Chemical Family: Acrylic Polymer
DOT Classification: Not Regulated
Date: 10/26/09

II. HAZARDOUS INGREDIENTS

29 CFR 1200 Hazardous Ingredients/Reported Health Effects

| | <u>CAS Registry No.</u> | <u>TLV</u> | <u>Material Description</u> | <u>Percent</u> |
|------------------|-------------------------|------------|-----------------------------|----------------|
| Ethanol,2-butoxy | 111-76-2 | 25 ppm | Solvent | <4% |

III. PHYSICAL DATA

Percent Volatile: 56.0%
Appearance: Colorless Liquid
Odor: Organic Solvent Odor
Specific Gravity: 1.05
Boiling Point: N/A

IV. FIRE AND EXPLOSION DATA

Flash Point: >200 deg C
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 store near heat.

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: Give two glasses of water. Induce vomiting immediately by sticking finger down throat. 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. Absorb spills with absorbent material.

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.

Do Not Freeze or Overheat. 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, respirator.

Hazardous Materials Identification System (HMIS):

| | | |
|---------------------|---|------------------------------------|
| Health | 2 | Slightly Toxic |
| Fire | 2 | Moderate Hazard |
| Reactivity | 0 | Stable |
| Personal Protection | B | Safety Glasses, Gloves, Respirator |

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: Follow appropriate DOT regulations
RCRA Regulations: Care should be taken to ensure that the material or its containers are disposed of in an approved facility in accordance with current federal, state and local regulations. Additional information may be obtained by contacting your state or local solid waste agency or the United States Environmental Agency's RCRA hotline (1.800.424.9346 or 1.202.382.3000).

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.