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Material Safety Data Sheet

Cyberlite U 320



1- Chemical Product and Company Identification:

Product Name: **Cyberlite U 320**
 Product Type: Ultraviolet Light Curing Adhesive
 Date revised: 2/06/2010
 Emergency Number: 800-535-5053

2- Composition/Information on Ingredients:

| <u>Hazardous Component</u> | <u>CAS Number</u> | <u>%</u> |
|----------------------------|-------------------|----------|
| Acrylate Oligomer | Trade Secret | 25-30 |
| Acrylic Acid | 79-10-7 | 1-2 |
| N,N-Dimethylacrylamide | 2680-03-7 | 40-60 |

| <u>Exposure Limits (TWA)</u> | <u>ACGIH (TLV)</u> | <u>OSHA (PEL)</u> | <u>OTHER</u> |
|------------------------------|--------------------|-------------------|-----------------------------|
| Acrylic Acid | 2 ppm | 2 ppm | 6 mg/m ³ (NIOSH) |

| <u>Exposure Limits (STEL)</u> | | | |
|-------------------------------|-------|-------|-----|
| Acrylic Acid | 2 ppm | 2 ppm | n/a |

3- Hazards Identification:

Toxicity: Moderately toxic by ingestion.
 Eye, skin, and inhalation irritant.

Primary routes of Entry: Skin, inhalation, and eye contact

Signs of exposure: Irritation of eyes, skin, or respiratory tract.

Carcinogenic Ingredients:

| | |
|------|------|
| NTP | None |
| IARC | None |
| OSHA | None |

4- First Aid Measures:

Ingestion: Do not induce vomiting. Drink copious amounts of water and provide fresh air. Seek medical attention.

Inhalation: Remove to fresh air. If symptoms persist, obtain medical attention.

Skin contact: Wash with soap and water.

Eye contact: Flush with warm water. Seek medical attention.

5- Fire Fighting Measures:

Flash Point: not applicable

Extinguishing Media: Foam, Dry Chemical or Carbon Dioxide

Unusual Fire or Explosion Hazards: None.

Special Fire Fighting Procedures: Wear self-contained breathing apparatus.

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6-Accidental Release Measures

Steps to be taken in case of spill or leak: Inform authorities in case of seepage into water system. Maintain adequate ventilation.

Soak up with inert absorbent. Store in a closed container until disposal.

7- Handling and Storage:

Safe storage: Store away from heat and direct sunlight to maximize shelf life. Store inside in a dry location between 50°F and 90°F.
Handling: Keep container tightly closed. Avoid contact with skin. Avoid breathing vapors.

8- Protective Equipment:

Ventilation: Local exhaust ventilation recommended for maintaining vapor level below TLV.
Respiratory protection: Not applicable with good local exhaust.
Skin: Neoprene or non-reactive gloves. Do not use cotton or wool.
Eye protection: Safety glasses or goggles with side shields.

9- Physical and Chemical Properties:

Appearance: Yellowish clear liquid
Odor: Mild
Boiling Point: 212° F
Vapor Pressure: Less than .2mmHg @20C
Vapor Density: More than 1 (Air =1)
Evaporation rate: Not applicable
Specific Gravity: 1.1
Solubility in water: Negligible.
Auto Igniting: Product is not self-igniting

10- Stability and Reactivity

Stability: Stable
Hazardous Polymerization: Will not occur
Incompatibility: Photoreactive. Reacts with amines, acids, alkalis, and oxidizing agents.

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11- Toxicological Information

Acute Toxicity: None
Primary Irritant affect: Irritant to skin, eye, and mucous membranes.
Sensitization: No sensitizing effects known.

12- Ecological Information

General Notes: Class 2 water hazard (self-assessment). Do not allow product to reach ground water or sewage system.

13- Disposal Considerations:

Spill or accidental release: Soak up with an inert absorbent.
Disposal procedures: Incinerate or dispose of in an approved landfill in accordance with local and EPA regulations. Not a RCRA hazardous waste.

14- Transportation Information:

Domestic Ground Transport:

| | |
|-----------------------------|--------------|
| Proper shipping name: | Unrestricted |
| Hazard class or division: | None |
| Identification number: None | None |
| Marine pollutant: | None |

15- Regulatory Information

CA Proposition 65: No information

16- Other Information:

| Hazard | NFPA Hazard Code® | HMIS Hazard Code® |
|-----------------|-------------------|-------------------|
| Health | 2 | 2 |
| Fire | 0 | 0 |
| Reactivity | 0 | 0 |
| Specific Hazard | N/A | B |

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