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Material Safety Data Sheet

Cyberlite U 323



1- Chemical Product and Company Identification:

Product Name: **Cyberlite U 323**
 Product Type: Ultraviolet Light Curing Adhesive
 Date revised: 10/12/10
 Emergency Number: 800-535-5053

2- Composition/Information on Ingredients:

<u>Hazardous Component</u>	<u>CAS Number</u>	<u>%</u>
Acrylate Oligomer	proprietary	30-60
vinylpyrrolidinone	88-12-0	30-60

<u>Exposure Limits (TWA)</u>	<u>ACGIH (TLV)</u>	<u>OSHA (PEL)</u>	<u>OTHER</u>
Vinylpyrrolidinone	0.05 ppm	none	

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: Greater than 93° C (200°F) TCC

Extinguishing Media: Foam, Dry Chemical or Carbon Dioxide

Unusual Fire or Explosion Hazards: None.

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

Material Safety Data Sheet

Cyberlite U 323

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: Sharp
Boiling Point: 212° F
Vapor Pressure: Less than 5 mmHg @24°C
Vapor Density: Not available
Evaporation rate: Not applicable
Specific Gravity: 1.02
Solubility in water: Negligible.
Auto Igniting: Product is not self-igniting

10- Stability and Reactivity

Stability: Stable
Hazardous Polymerization: Will not occur
Incompatibility: Photoreactive. Strong oxidizers

11- Toxicological Information

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

12-Ecological Information

Material Safety Data Sheet

Cyberlite U 323

General Notes: Not available

13- Disposal Considerations:

Spill or accidental release: Soak up with an inert absorbent.

Disposal procedures: Dispose of according to State, Federal 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

Marine pollutant: No

International Air Transportation (ICAO/IATA):

Proper shipping name: Unrestricted

Hazard class or division: None

Identification number: None

Packing Group: None

Water transportation (IMO/IMDG):

Proper shipping name: Unrestricted

Hazard Class or Division: None

Identification number: None

Packing Group: None

Marine pollutant: None

15- Regulatory Information

CA Proposition 65: None

CERCLA/SARA 313: This product contains the following toxic chemical subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372): None

TSCA: All ingredients are on the US TSCA inventory

DSL/NDSL: All ingredients are on the Canadian DSL/NDSL Inventory

16- Other Information:

Hazard	NFPA Hazard Code®	HMIS Hazard Code®
Health	2	2
Fire	1	1
Reactivity	1	1

NFPA is a registered trademark of the National Fire Protection Association.

HMIS is a registered trademark of the National Paint and Coatings Association.

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U 323

Page 3 of 3

Material Safety Data Sheet

Cyberlite U 323