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Material Safety Data Sheet

Photobond 4496

www.cyberbond1.com
 "The Power of Adhesive Information"™

1- Chemical Product and Company Identification:

Product Name: **Photobond 4496**
 Product Type: Ultraviolet Light Curing Adhesive
 Date revised: 01/15/09

2- Composition/Information on Ingredients:

<u>Hazardous Component</u>	<u>CAS Number</u>	<u>%</u>	
Acrylate Oligomer	Trade Secret	25-50	
Acrylic Acid	79-10-7	1-5	
IBOA	5888-33-5	25-75	
<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: 3 mmHg @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.

11- Toxicological Information

Acute Toxicity: None

Primary Irritant affect: Irritant to skin, eye, and mucous membranes.

Sensitization: No sensitizing effects known.

12-Ecological Information

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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
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: No information

16- Other Information:

Hazard	NFPA Hazard Code®	HMIS Hazard Code®
Health	2	2
Fire	1	1
Reactivity	1	1
Specific Hazard	N/A	B

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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