

# Cyberbond

**Titan 8222** MATERIAL SAFETY DATA SHEET

The Power of Adhesive Information  
**cb**  
Cyberbond™

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## 1 - Chemical Product and Company Identification

<i>Product Name</i>	<b>Titan 8222</b>	<i>Product Type</i>	Anaerobic
<i>Date Revised</i>	2/28/2012	<i>Emergency Number</i>	800-535-5053

## 2 - Composition/Information on Ingredients

<i>Ingredients</i>	<i>CAS Number</i>	<i>%</i>
Dimethacrylate Ester	25852-47-5	90-95
Polyglycol Dioctanoate	18268-70-7	10-15
Saccharin	81-07-2	1-3
Cumene Hydroperoxide*	80-15-9	1-3
N,N-Dialkyltoluidines	613-48-9	.01-1.0

\*This component is listed as a SARA section 313 toxic chemical

<i>Ingredients which Have Exposure Limits</i> <i>Exposure Limits (TWA)</i>	<i>ACGIH (TLV)</i>	<i>OSHA (PEL)</i>	<i>OTHER</i>
Cumene Hydroperoxide	None	None	1ppm (6mg/m3) Skin (WEEL)

## 3 - Hazards Identification

<i>Primary Routes of Entry:</i>	Eye, skin contact and inhalation.
<i>Signs and Symptoms of Exposure:</i>	May cause dermatitis with prolonged contact on sensitive individuals. May cause respiratory tract irritation.
<i>Existing Conditions Aggravated by Exposure:</i>	Eye, skin and respiratory disorders
<i>Toxicity</i>	Mild Eye Irritant
<i>Inhalation</i>	May cause irritation to nose and throat.

#### 4 - First Aid Measures

<i>Ingestion:</i>	Do not induce vomiting. Keep individual calm. Obtain medical attention.
<i>Inhalation:</i>	Remove to fresh air. If symptoms persist get medical attention.
<i>Skin Contact:</i>	Wash affected area with soap and water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
<i>Eye Contact:</i>	Flush with warm water for at least 15 minutes. Obtain medical attention.

#### 5 - Fire Fighting Measures

<i>Flash Point:</i>	>93°C (200°F) Method: Tag Closed Cup
<i>Extinguishing Media:</i>	Foam, Dry Chemical, or Carbon Dioxide
<i>Unusual Fire or Explosion Hazards:</i>	None
<i>Special Fire Fighting Procedures:</i>	None
<i>Hazardous Products Formed by Fire or Thermal Decomposition:</i>	Irritating organic vapors; oxides of carbon, sulfur and nitrogen

#### 6 - Accidental Release Measures

<i>Steps to be taken in case of spill or leak:</i>	Soak up with inert absorbent. Store in a partly filled, closed container until disposal. Prevent product from entering drains.
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#### 7 - Handling and Storage

<i>Safe Storage:</i>	Store at or below 100°F. Keep in a cool, well ventilated area, away from heat, sparks or open flame.
<i>Handling:</i>	Avoid contact with skin, eyes and clothing. Avoid breathing vapor or mist. Wash thoroughly after handling.

#### 8 - Protective Equipment

<i>Eye Protection:</i>	Safety glasses or goggles with side shields.
<i>Skin:</i>	Rubber, polyethylene, or neoprene gloves.
<i>Ventilation</i>	Local exhaust is recommended when general ventilation is insufficient.
<i>Respiratory Protection:</i>	Use NIOSH approved respirator for individuals who are sensitive.

#### 9 - Physical and Chemical Properties

<i>Appearance:</i>	Yellow liquid
<i>Odor:</i>	Mild
<i>Boiling Point:</i>	Greater than 149°C (300°F)
<i>Vapor Pressure:</i>	Less than 5mmHg @ 27°C (80°F)
<i>Vapor Density:</i>	Not available
<i>Evaporation Rate:</i>	Not applicable
<i>Specific Gravity:</i>	1.08
<i>Solubility in Water:</i>	Slight
<i>VOC Content:</i>	1.86%; 17.75 g/L (EPA Method 24)

## 10 - Stability and Reactivity

<i>Stability:</i>	Stable
<i>Hazardous Polymerization:</i>	Will not occur
<i>Incompatibility:</i>	Strong oxidizers, free radical initiators, strong reducing agents, alkalis.
<i>Hazardous Decomposition Products:</i>	Oxides of carbon, sulfur and nitrogen.

## 11 - Toxicological Information

Acute oral product toxicity: LD50 >10,000 mg/kg (rat). Acute dermal product toxicity: LD50 > 5000 mg/kg (rabbit).

## 12 - Ecological Information

No data

## 13 - Disposal Considerations

*Disposal Procedures:* Dispose of in accordance with local and EPA regulations. Not a RCRA Hazardous waste.

## 14 - Transportation Information

### Domestic Ground Transport:

<i>Proper shipping name:</i>	Unrestricted
<i>Hazard Class or Division:</i>	Unrestricted
<i>Identification Number:</i>	None
<i>Marine Pollutant:</i>	No

### International Air Transportation (ICAO/IATA):

<i>Proper shipping name:</i>	Unrestricted
<i>Hazard Class or Division:</i>	None
<i>Identification Number:</i>	None
<i>Packing Group:</i>	None

### Water Transportation (IMO/IMDG):

<i>Proper shipping name:</i>	Unrestricted
<i>Hazard Class or Division:</i>	None
<i>Identification Number:</i>	None
<i>Packing Group:</i>	None
<i>Marine Pollutant:</i>	None

## 15 - Regulatory Information

<i>CA Proposition 65:</i>	This product contains a chemical known in the State of California to cause cancer. This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.
<i>TSCA:</i>	All components are on the US TSCA inventory
<i>CERCLA SARA 313:</i>	This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372). Cumene hydroperoxide (CAS# 80-
<i>CEPA DSL/NDSL(Canada):</i>	All components are listed on or exempt from listing on the Canadian Domestic Substances List.
<i>WHMIS (Canada):</i>	D.2.A, D.2.B

## 16 - Other Information

<i>Hazard:</i>	<i>NEPA Hazard Code</i>	<i>HMIS Hazard Code</i>
<i>Health:</i>	2	2
<i>Fire:</i>	1	1
<i>Reactivity:</i>	1	1
<i>Specific Hazard:</i>	None	Personal Protection; See Section 8

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