

# Cyberbond

## Titan 7222 MATERIAL SAFETY DATA SHEET

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

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### 1 - Chemical Product and Company Identification

|              |                   |                  |              |
|--------------|-------------------|------------------|--------------|
| Product Name | <b>Titan 7222</b> | Product Type     | Anaerobic    |
| Date Revised | 2/28/2012         | Emergency Number | 800-535-5053 |

### 2 - Composition/Information on Ingredients

| Ingredients           | CAS Number  | %     |
|-----------------------|-------------|-------|
| Dimethacrylate Ester  | 25852-47-5  | 65-75 |
| Amorphous Silica      | 112945-52-5 | 3-5   |
| Cumene Hydroperoxide* | 80-15-9     | 40911 |

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

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| Ingredients which Have Exposure Limits<br>Exposure Limits (TWA) | ACGIH (TLV) | OSHA (PEL) | OTHER  |
|---|-------------|------------|--|
| Cumene Hydroperoxide  | None        | None       | 1ppm<br>(6mg/m <sup>3</sup> ) Skin<br>(WEEL) |
|   |             |            |  |
|   |             |            |  |
|   |             |            |  |

### 3 - Hazards Identification

|   |   |
|---|---|
| Primary Routes of Entry:                    | Eye, skin contact and inhalation.   |
| Signs and Symptoms of Exposure:             | May cause dermatitis with prolonged contact on sensitive individuals. May cause respiratory tract irritation. |
| Existing Conditions Aggravated by Exposure: | Eye, skin and respiratory disorders   |
| Toxicity                                    | Mild eye irritant.  |
| Inhalation                                  | 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, seek 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. |
|--|--|

#### 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>          | Purple 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>    | 1.1 at 75°F                     |
| <i>Solubility in Water:</i> | Slight                          |
| <i>VOC Content:</i>         | 0.67%; 6.53 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> | None         |
| <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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