

Revised  
January 2002



9411 Corsair Road  
Frankfort, IL 60423  
1-800-552-0299 Phone  
1-815-464-5650 Fax

**EMERGENCY PHONE 1-800-255-3924**

# MATERIAL SAFETY DATA SHEETS

## TORQUE 172

|             |               |          |                     |          |                   |          |
|-------------|---------------|----------|---------------------|----------|-------------------|----------|
| <b>HMIS</b> | <b>HEALTH</b> | <b>1</b> | <b>FLAMMABILITY</b> | <b>1</b> | <b>REACTIVITY</b> | <b>1</b> |
| <b>NFPA</b> | <b>HEALTH</b> | <b>1</b> | <b>FIRE HAZARD</b>  | <b>1</b> | <b>REACTIVITY</b> | <b>1</b> |

### 1. GENERAL INFORMATION

PRODUCT NAME: Torque 172  
TECHINICAL NAME: Anaerobic

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredients                   | CAS No.     | %     |
|-------------------------------|-------------|-------|
| Urethane Dimethacrylate resin | Proprietary | 40-60 |
| Polyglycol dimethacrylate     | 25852-47-5  | 20-30 |
| Bisphenol A fumarate resin    | 39382-25-7  | 10-20 |
| Polyglycol Dioctanoate        | 18268-70-7  | 5-10  |
| Polyolefin Polymer            | 9002-88-7   | 5-10  |
| Hydroxyalkyl methacrylate     | 27813-02-1  | 5-10  |
| Benzoic sulphimide            | 81-07-2     | 1-3   |
| Organic peroxide*             | 80-15-9     | 1-2   |

\* This component is listed as a SARA Section 313 Toxic Chemical.

Ingredients which have exposure limits

| Exposure Limits (TWA)     | ACGIH (TLV) | OSHA (PEL) | OTHER                       |
|---------------------------|-------------|------------|-----------------------------|
| Hydroxyalkyl methacrylate | None        | None       | 1 ppm TWA<br>3 ppm STEL     |
| Organic peroxide          | None        | None       | 1ppm(6mg/m3)<br>Skin(WHEEL) |

### 3. HAZARD IDENTIFICATION

Toxicity: Liquid and Vapors are an eye and skin irritant.  
Primary Routes of Entry: None known  
Signs and Symptoms of Exposure: May cause dermatitis on prolonged contact in sensitive individuals.  
Existing Conditions Aggravated by Exposure: None

### 4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Keep individual calm. Obtain medical attention.  
Inhalation: Does not apply  
Skin Contact: Wash with soap and water.  
Eye Contact: Flush at least 15 minutes with plenty of water. Obtain medical attention.

### 5. FIREFIGHTING MEASURES

Flash Point: More than 200°F  
Extinguishing Agents: Carbon dioxide, foam, dry chemical  
Special Firefighting Procedures: Not available  
Hazardous Products formed by Fire or Thermal Decomp Irritating organic vapors  
Unusual Fire or Explosion Hazards: None



# MATERIAL SAFETY DATA SHEETS

## TORQUE 172



---

### 6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case of spill or leak:

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

---

### 7. HANDLING AND STORAGE

Safe Storage:  
Handling:

Store at or below 100°F  
Avoid prolonged contact with eyes and skin.

---

### 8. EXPOSURE AND PERSONAL PROTECTION

Eyes:  
Skin:  
Ventilation:  
Respiratory

Safety glasses or goggles.  
Neoprene, rubber, or butyl rubber gloves.  
Does not apply  
Not available

---

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:  
Odor:  
Boiling Point:  
pH:  
Solubility in Water:  
Specific Gravity  
Vapor Pressure:  
Vapor Density:  
Evaporation Rate

Blue Liquid  
Sharp, irritating  
More than 300°F  
Does not apply  
Slight  
1.1 at 25°C  
Less than 0,5 mmbar at 20°C  
Not available  
Not available

---

### 10. REACTIVITY

Stability:  
Hazardous Polymerization:  
Incompatibility:  
Conditions to Avoid:  
Hazardous Decomposition  
Products (non-thermal):

Stable  
Will not occur  
None  
Not available  
None

---

### 11. TOXICOLOGICAL INFORMATION

Estimated oral LD50 more than 10000 mg/kg.  
Estimated dermal LD50 more than 5000 mg/kg.

---

### 12. ECOLOGICAL INFORMATION

No data available

---

### 13. DISPOSAL CONSIDERATIONS

Recommended methods of disposal:  
EPA Hazardous Waste Number

Incinerate following EPA and local regulations.  
NH - Not a RCRA Hazardous Waste Material



# MATERIAL SAFETY DATA SHEETS

## TORQUE 172



### 14. TRANSPORTATION INFORMATION

DOT (49 CFR 172)  
Domestic Ground Transport  
Proper Shipping Name:  
Hazard Class or Division:  
Identification Number:  
Marine Pollutant:  
IATA  
Proper Shipping Name:  
Class or Division:  
UN or ID Number:

Unrestricted  
Unrestricted  
None  
None  
Unrestricted  
Unrestricted  
None

**Engineering Excellence**

For technical information  
and support call **1-800-552-0299** or visit our website at

**[www.instantca.com](http://www.instantca.com)**