

Revised  
January 2002



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## MATERIAL SAFETY DATA SHEETS

### TORQUE 176

<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 176  
TECHINICAL NAME: Anaerobic

#### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%	
Polyglycol dimethacrylate	25852-47-5	30-50	
Urethane dimethacrylate resin	Proprietary	30-50	
Alkyl Methacrylate	142-90-5	5-10	
Organic peroxide*	80-15-9	1-2	
Benzoic sulphimide	81-07-2	1-3	

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

Ingredients which have exposure limits	ACGIH (TLV)	OSHA (PEL)	OTHER
Organic peroxide	None	None	resp. Dust 1ppm(6mg/m3)

#### 3. HAZARD IDENTIFICATION

Toxicity: Mild irritant.  
Primary Routes of Entry: Eyes, skin  
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



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### 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.

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### 7. HANDLING AND STORAGE

Safe Storage:  
Handling:

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

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### 8. EXPOSURE AND PERSONAL PROTECTION

Eyes:  
Skin:  
Ventilation:  
Respiratory

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

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

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

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

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### 10. REACTIVITY

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

Stable  
Will not occur  
None  
Not available  
None

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### 11. TOXICOLOGICAL INFORMATION

Estimated oral LD50 more than 10000 mg/kg.  
Estimated dermal LD50 more than 1500 mg/kg.

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### 12. ECOLOGICAL INFORMATION

No data available

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### 13. DISPOSAL CONSIDERATIONS

Recommended methods of disposal:  
EPA Hazardous Waste Number

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



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### 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

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