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# MATERIAL SAFETY DATA SHEETS TORQUE 154

HMIS; HEALTH 1 FLAMMABILITY 1 REACTIVITY 1 NFPA HEALTH 1 FIRE HAZARD 1 REACTIVITY 1

#### 1. GENERAL INFORMATION

PRODUCT NAME: Torque 154
TECHINCAL NAME: Anaerobic

#### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients CAS No. %

 Polyglycol dimethacrylate
 25852-47-5
 50-70

 Organic peroxide\*
 80-15-9
 1-2

 Amorphous silica
 112945-52-5
 1-3

 Hydroxy methacrylate
 27813-02-1
 10-20

 Bisphenol A fumarate resin
 39382-25-7
 10-20

Ingredients which have exposure limits

Exposure Limits (TWA) ACGIH OSHA OTHER

Ingredients (TLV) (PEL)

Amorphous silica, 10 mg/m3 TWA 6 mg/m3 TWA 3 mg/m3 TWA resp. Dust

Organic peroxide None None 1ppm(6mg/m3) Skin(WEEL)

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 Known

### 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

by Fire or Thermal Decomp Irritating organic vapors

Flash Point: More than 200°F

Extinguishing Agents: Carbon dioxide, foam, dry chemical Special Firefighting

Procedures: Not available

Hazardous Products formed

Unusual Fire or Explosion Hazards:

None

<sup>\*</sup> This component is listed as a SARA Section 313 Toxic Chemical.



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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.

### 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

Red 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

#### 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 1500 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



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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

# Engineering Excellence

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

