

Revised
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MATERIAL SAFETY DATA SHEETS

TORQUE 03 RC

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

1. GENERAL INFORMATION

PRODUCT NAME: Torque 03RC
TECHINICAL NAME: Anaerobic

2. COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredients | CAS No. | % |
|----------------------------|------------|-------|
| Peg 200 | 25322-68-3 | 10-20 |
| Aromatic dimethacrylate | 24448-20-2 | 50-70 |
| Hydroxy methacrylate | 868-77-9 | 10-20 |
| Organic peroxide* | 80-15-9 | 1-2 |
| ACRYLIC ACID* | 79-10-7 | 2-5 |
| Bisphenol A fumarate resin | 39382-25-7 | 3-15 |

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

Ingredients which have exposure limits

| Exposure Limits (TWA) Ingredients | ACGIH (TLV) | OSHA (PEL) | OTHER |
|--------------------------------------|--|--|--|
| ACRYLIC ACID | 2 ppm TWA skin 5.9 mg/m ³ skin | 10 ppm TWA skin 30 mg/m ³ skin | 1 ppm TWA skin 3 ppm STEL skin |
| Organic peroxide | None | None | 1ppm(6mg/m ³) Skin(WHEEL) |

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: None known

Aggravated by Exposure:

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 Decomposition: 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.

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

Green 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 5000 mg/kg.
Estimated dermal LD50 more than 2000 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

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www.instantca.com