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MATERIAL SAFETY DATA SHEETS TORQUE 178

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

1. GENERAL INFORMATION

PRODUCT NAME: Torque 178 RC TECHINCAL NAME: Anaerobic

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients 용 Aromatic dimethacrylate 24448-20-2 30-40 Hydroxy methacrylate 868-77-9 1-3 Polyglycol dimethacrylate 25852-47-5 40-60 Organic peroxide* 80-15-9 1 - 2ACRYLIC ACID* 79-10-7 1-5 9002-84-0 1 - 5

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

Ingredients which have exposure limits

Exposure Limits (TWA) ACGIH OSHA

Ingredients (TLV) (PEL) ACRYLIC ACID

2 ppm TWA skin 10 ppm TWA skin 1 ppm TWA skin 5.9 mg/m3 skin30 mg/m3 skin 3 ppm STEL skin

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

3. HAZARD IDENTIFICATION

Toxicity: Mild irritant.

Primary Routes of Entry: Eyes, skin

Signs and Symptomsof 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.

None

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:



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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:

Store at or below 100°F

Avoid prolonged contact with eyes and skin.

8. EXPOSURE AND PERSONAL PROTECTION

Skin:

Handling:

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

Yellow Liquid

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 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

