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MATERIAL SAFETY DATA SHEETS **TORQUE 175**

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

1. GENERAL INFORMATION

PRODUCT NAME: Torque 175 TECHINCAL NAME: Anaerobic

2. COMPOSITION/INFORMATION ON INGREDIENTS

CAS No. % Ingredients

10595-06-9 20-30 Aromatic methacrylate Urethane dimethacrylate resin Proprietary 30-50 Hydroxy methacrylate 868-77-9 15-30 ACRYLIC ACID* 79-10-7 1-2 1-2 Organic peroxide* 80-15-9 Benzoic sulphimide 81-07-2 1-3

* This component is listed as a SARA Section 313 Toxic Chemical. Ingredients which have exposure limits

Exposure Limits (TWA) **ACGIH OSHA** OTHER

Ingredients (TLV) (PEL)

2 ppm TWA skin **ACRYLIC ACID** 10 ppm TWA skin 1 ppm TWA skin 5.9 mg/m3 skin 30 mg/m3 skin 3 ppm STEL skin Organic peroxide 1ppm(6mg/m3) None None

3. HAZARD IDENTIFICATION

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

Wash with soap and water. Skin Contact:

Flush at least 15 minutes with plenty of water. Obtain Eye Contact:

medical attention.

5. FIREFIGHTING MEASURES

Flash Point: More than 200°F

Extinguishing Agents: Carbon dioxide, foam, dry chemical

Special Firefighting Procedures: Not available

Unusual Fire or Explosion Hazards:

Hazardous Products formed by Fire or Thermal Decomp Irritating organic vapors

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

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

Note

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

