

Revised
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MATERIAL SAFETY DATA SHEETS

TORQUE 163

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

1. GENERAL INFORMATION

PRODUCT NAME:
TECHINICAL NAME:

Torque 163
Anaerobic

2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS#	PERCENTAGE (optional)
Methacrylated Polyol	25852-47-5	30 - 50
Dibutyl Maleate	105-76-0	30 - 50
Aluminum Silicate	66402-68-4	15 - 25
Acrylic Copolymer	96-33-3	5 - 15
Silicon Dioxide	7631-86-9	1 - 5
Sodium Sulfimide	81-07-2	< 1.0
Cumene Hydroperoxide	80-15-9	< 1.0
Methoxyphenol	150-76-5	< 1.0
Polytetrafluoroethylene	9002-84-0	< 1.0

3. PHYSICAL DATA

APPEARANCE:	Off-white paste
ODOR:	Benign
SPECIFIC GRAVITY:	1.2
SOLUBILITY IN WATER:	Practically insoluble
VAPOR PRESSURE:	Negligible
VOLATILE ORGANIC CONTENT:	Negligible

4. FIRE AND EXPLOSION DATA

FLASHPOINT:	>200 F
METHOD:	Setaflash
EXTINGUISHING MEDIA:	Use carbon dioxide or dry chemical for small fires; aqueous foam or water spray for large fires.
SPECIAL FIRE FIGHTING MEASURES:	Firefighters should wear full protective clothing and self contained breathing apparatus. Thoroughly decontaminate fire fighting equipment and fire fighting apparel after the incident.

5. HEALTH HAZARD DATA

EMERGENCY OVERVIEW:	Off-white, paste that could cause skin and irritations.
INGESTION:	This product may be moderately toxic.
SKIN:	This product may cause moderate skin injury (reddening and swelling) and/or sensitization which may not occur immediately. Prolonged contact with this product may cause burns.
INHALATION:	Even though product has low volatility, vapors may be irritating.
EYES:	This product may cause eye injury.



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TORQUE 163



6. EMERGENCY FIRST AID PROCEDURES

INGESTION:
SKIN:

INHALATION:

EYES:

If swallowed, seek medical attention.

Remove contaminated clothing and wash contact area with soap and water for 15 minutes. If dermatitis occurs, seek medical attention.

In case of exposure to high concentration of vapors, remove person to fresh air. If respiratory irritation persists, seek medical attention.

Immediately flush with plenty of water (under eye lids) at least 15 minutes. Get medical attention immediately.

7. ACCIDENTAL RELEASE MEASURES

In the event of a spill, immediately remove any source of ignition. Using appropriate personal protective equipment and non-sparking tools, contain spilled material. Cover the liquid with inert absorbent. Scoop all contaminated material into containers for proper disposal.

8. HANDLING AND STORAGE

Store at temperatures below 100 deg F. Avoid ignition sources. Keep unused containers closed. Dissolved air is required for inhibitor to function. To prevent loss of inhibitor, do not blanket or sparge with nitrogen. Store samples in original containers. If product has solidified, do not attempt to use. Remove contaminated clothing immediately, and wash thoroughly before reuse. Wash skin thoroughly with soap and water after handling. Solvents should not be used to clean hands or skin because they increase the penetration of the material into the skin. Store out of direct sunlight.

9. PERSONAL PROTECTION

VENTILATION:
RESPIRATORY PROTECTION:

SKIN PROTECTION:
EYE PROTECTION:

Good air circulation and ventilation is adequate.

A respirator protection program that meets OSHA 1910.134 must be followed whenever workplace conditions warrant the use of a respirator.

Impervious gloves and appropriate clothing are recommended. Chemical resistance goggles or safety glasses.

10. STABILITY AND REACTIVITY

STABILITY:

HAZARDOUS
POLYMERIZATION:

HAZARDOUS
DECOMPOSITION
PRODUCTS:

INCOMPATIBILITY:

CONDITIONS TO AVOID:

This product is stable under normal conditions.

Hazardous polymerization may occur. Uncontrolled polymerization may cause rapid evolution of heat and increase in pressure that could result in violent rupture of sealed containers.

Hazardous decomposition products may include oxides of carbon and nitrogen, hydrocarbon fragments and organic decomposition fragments.

Polymerization initiators, including peroxides, strong oxidizing agents, copper, copper alloys, carbon steel, iron, rust, and strong bases.

Storage >100F, exposure to direct sunlight, loss of dissolved air, loss of polymerization inhibitor, contamination with incompatible materials.

11. TOXICOLOGY INFORMATION

Chemical Name
Sodium Sulfimide
Cumene Hydroperoxide

LD50
Orl rat 1.42g/kg
Drem rbt 500 mg/kg

LC50
N/A
Inh rat 700 ppm



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12. DISPOSAL INFORMATION

DISPOSAL INFORMATION: Dispose of in accordance with federal, state and local regulations.

13. TRANSPORTATION INFORMATION

DOT (49 CFR 172)	
GROUND TRANSPORT:	Not Regulated
SHIPPING NAME:	Not Regulated
TECHNICAL NAME:	Not Regulated
HAZARD CLASS/DIVISION:	N/A
IDENTIFICATION NUMBER:	N/A
MARINE POLLUTANT:	None
ITA:	Not Regulated
PROPER SHIPPING NAME:	Not Regulated
UN or ID NUMBER	Unrestricted

Engineering Excellence

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