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# MATERIAL SAFETY DATA SHEET

## TORQUE 145 HYDRAULIC SEALANT

<b>HMIS</b>	<b>HEALTH</b>	<b>1</b>	<b>FLAMMABILITY</b>	<b>1</b>	<b>REACTIVITY</b>	<b>1</b>
<b>NFPA</b>	<b>HEALTH</b>	<b>1</b>	<b>FIRE HAZARD</b>	<b>1</b>	<b>REACTIVITY</b>	<b>1</b>

### 1. GENERAL INFORMATION

PRODUCT NAME: Torque 145  
TECHINCAL NAME: Anaerobic

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT:	CAS#	%
POLYGLYCOL DIOCTANOATE	18268-70-7	40-45
POLYGYCOL DIMETHACRYLATE	25852-47-5	20-25
HYDROXY ALKYL METHACRYLATE	868-77-9	20-25
CUMENE HYDROPEROXIDE *	80-15-9	3-5
N,N- DIALKYLTOUIDINES	613-48-9	1-3
1- ACETYL-2- PHENYLHYDRAZINE	114-83-0	0.1 - 1
MALEIC ACID	110-16-7	0.1 - 1
SACCHARIN	81-07-2	0.1 - 1
SILICA, AMORPHOUS, FUMED, CRYSTALLINE-FREE	112945-52-5	0.1 - 1

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

Ingredients which have exposure limits

EXPOSURE LIMITS (TWA)	ACGIH (TLV)	OSHA (PEL)	OTHER
INGREDIENTS:			
HYDROXY ALKYL METHACRYLATE	None	None	3 ppm ceiling
SILICA, AMORPHOUS, FUMED CRYSTALLINE-FREE	10 mg/m <sup>3</sup> TWA	6 mg/m <sup>3</sup> TWA	3 mg/m <sup>3</sup> TWA resp. dust

EXPOSURE LIMITS (STEL)	ACGIH (TLV)	OSHA (PEL)	OTHER

### 3. HAZARDOUS IDENTIFICATIONS:

TOXICITY: Estimated Oral LD 50 > 5000 mg/kg  
Estimated Dermal LD 50 > 2000 mg/kg

Primary Routes of Entry: Not available

Signs and Symptoms of Exposure: May cause Dermatitis on prolonged contact in sensitive individuals

Existing Conditions:

Aggravated by Exposure: None Known

INGREDIENTS	LITERATURE REFERENCED TARGET ORGAN & OTHER HEALTH EFFECTS	CARCINOGEN		
		NTP	IACR	OSHA
POLYGLYCOL DIOCTANOATE	No Target Organ		No	NoNo
POLYGYCOL DIMETHACRYLATE	Allergen, Irritant	No	NoNo	
HYDROXY ALKYL METHACRYLATE	Allergen, Irritant	No	NoNo	



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INGREDIENTS	LITERATURE REFERENCED TARGET ORGAN & OTHER HEALTH EFFECTS	CARCINOGEN		
		NTP	IACR	OSHA
CUMENE HYDROPEROXIDE * Allergen,	Central Nervous System, Corrosive, Irritant, Mutagen	No	No	
N,N- DIALKYLTOUIDINES	No Target Organ	No	No	No
1- ACETYL-2- PHENYLHYDRAZINE	Allergen, Blood, Kidney, Mutagen, Evidence of some Carcinogenicity	No	No	No
MALEIC ACID	Irritant, Kidney	No	No	No
SACCHARIN	No Target Organ	Yes	2B	No
SILICA, AMORPHOUS, FUMED, CRYSTALLINE-FREE	Nuisance Dust	No	N/A	No

N/A = Not available                      2B = Possibly carcinogenic to humans

### 4. FIRST AID MEASURES:

INGESTION:	DO NOT induce vomiting, Keep individuals calm. OBTAIN MEDICAL ATTENTION
INHALATION:	Not Applicable
SKIN CONTACT:	Flush with water 15 minutes minimum
EYE CONTACT:	Flush with water 15 minute minimum

### 5. FIRE FIGHTING MEASURES:

FLASH POINT:	> 200°F ( Method TCC )
Recommended extinguishing agents	Carbon Dioxide, foam, , dry chemicals
Special firefighting Procedures:	Not Available
Hazardous Products formed by Fire or Thermal Decomposition:	Irritating organic vapors
Unusual Fire or Explosion Hazards:	None
EXPLOSIVE LIMITS;	
(% by volume in air)    lower	Not Applicable
(% by volume in air)    upper	Not Applicable

### 6. SPILL OR LEAK PROCEDURES:

STEP TO BE TAKEN IN CASE OF SPILL OR LEAK	Soak up in an inert absorbent. Store in a partly filled, closed container until disposal.
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### 7. HANDLING & STORAGE:

STORAGE:	Store below 100°F in original sealed container.
HANDLING:	Avoid prolong skin contact
Shelf Life:	12 months when stored properly in original sealed container

### 8. PERSONNEL PROTECTION:

EYES:	Safety glasses with side shields or goggle recommended
SKIN:	Rubber or plastic gloves recommended
VENTILATION:	Not applicable
RESPIRATORY:	Not available



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### 9. CHEMICAL AND PHYSICAL PROPERTIES

APPEARANCE:	Purple liquid
ODOR:	Mild odor
BOILING POINT:	> 300°F
pH:	Not applicable
SOLUBILITY IN WATER:	Slight
SPECIFIC GRAVITY:	1.02 @ 27°C
FLASH POINT:	> 200°F
VAPOR PRESSURE:	< 5 mm @ 27°C
VAPOR DENSITY:	No available
VOLATILE ORGANIC COMPOUND (EPA method 24)	31.5 % 321 grams per liter

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### 10. STABILITY & REACTIVITY DATA :

STABILITY:	Stable
HAZARDOUS POLYMERIZATION:	Will not occur
HAZARDOUS DECOMPOSITION PRODUCTS:	Not available
INCOMPATIBILITY:	None

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### 11. TOXICOLOGICAL INFORMATION:

SEE SECTION 3

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### 12. ECOLOGICAL INFORMATION:

No Data available

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### 13. DISPOSAL CONSIDERATION:

RECOMMENDED METHOD OF DISPOSAL:	Incinerate following EPA and local regulations
EPA HAZARDOUS WASTE NUMBER:	Non-hazardous      Not a RCRA Hazardous Waste Material

### **Engineering Excellence**

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and support call **1-800-552-0299** or visit our website at

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