

REVISED  
Nov. 2014



## MATERIAL SAFETY DATA SHEETS

### 1. CHEMICAL PRODUCT

Adhesive Systems, Inc.  
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Frankfort, IL 60423  
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1-815-464-5650 Fax

**EMERGENCY PHONE 1-800-255-3924**

Product Name: **Torque 165, 192, 193**

Technical Name: **Threadsealer**

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS#	OSHA PEL	ACGIH TLV	% Composition
Methacrylated Polyol	25852-47-5	N/A	N/A	40-55
Dibutyl Maleate	105-76-0	N/A	N/A	25-35
Polytetrafluoroethylene	9002-84-0	N/A	N/A	1-5
Cumene Hydroperoxide	80-15-9	50ppm	50ppm	0.5-1
Sodium Sulfimide	81-07-2	N/A	N/A	0.1-0.5

\*Proprietary means the specific chemical identity and/or weight percent is being withheld as a trade secret.

### 3. HAZARD IDENTIFICATION

Toxicity: Liquid and Vapors are an eye and skin irritant.

Primary Routes of Entry: None known

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

Existing Conditions Aggravated by Exposure: None

Hazard Classification : Category 2

Physical Classification:

Symbol: None

Signal Word: None

Health Classification:

Irritant: Causes mild skin irritation



Symbol:

Signal Word: Warning

### 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.

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### 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 Decomp Irritating organic vapors  
Unusual Fire or Explosion Hazards: None

### 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  
Handling: Avoid prolonged contact with eyes and skin.

### 8. EXPOSURE AND PERSONAL PROTECTION

Eyes: Safety glasses or goggles.  
Skin: Neoprene, rubber, or butyl rubber gloves.  
Ventilation: Does not apply  
Respiratory: Not available

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Off-white paste	Odor:	Benign
Specific Gravity:	1.2	Solubility in water:	Practically insoluble
Vapor Pressure:	Not established	V.O.C.:	<20g./L

### 10. REACTIVITY

Stability:	Stable under normal conditions.
Hazardous Polymerization:	May occur in the presence of incompatible materials.
Incompatibility:	Peroxides, oxidizers, copper, steel, iron, rust, and
bases. Conditions to Avoid:	Storage >100°F, sunlight, and incompatible materials.
Hazardous Decomposition Products:	Carbon and nitrogen oxides, organics.

### 11. TOXICOLOGICAL INFORMATION

Ingredient	Oral LD50	Dermal LD50	Inhalation LC50
Methacrylated Polyol	N.D.	N.D.	N.D.
Dibutyl Maleate	N.A.	N.A.	N.A.
Polytetrafluoroethylene	N.A.	N.A.	N.A.
Cumene Hydroperoxide	2000mg/kg (rat)	1500mg/kg (rat)	220ppm (4H)

Sodium Sulfimide	17000mg/kg (mouse) N.A.	N.A.
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CARCINOGENICITY: Sodium Sulfimide is listed as a carcinogen by IARC, NTP, OSHA, and ACGIH. Occupational exposure has caused no known problems.

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### 12. ECOLOGICAL INFORMATION

No data

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### 13. DISPOSAL CONSIDERATIONS

Recommended methods of disposal: Incinerate following EPA and local regulations.  
EPA Hazardous Waste Number NH - Not a RCRA Hazardous Waste Material

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### 14. TRANSPORTATION INFORMATION

D.O.T. Information  
Not considered hazardous for the purposes of transportation.

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### 15. REGULATORY INFORMATION

California Proposition 65:	This product contains saccharin which is known to cause cancer in laboratory animals. If used as intended, there is no requirement for Proposition 65 hazard warning.
OSHA:	29 CFR 1910.1200
CERCA-SARA Hazard Category:	Chronic health hazard, reaction hazard.
SARA Section 313:	This product contains the following substance which requires reporting: Cumene Hydroperoxide CAS# 80-15-9
TSCA 12(B):	None listed.

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### 16. OTHER INFORMATION

HMIS	HEALTH 2	FLAMMABILITY 1	REACTIVITY 1
NFPA	HEALTH 2	FIRE HAZARD 1	REACTIVITY 1

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**NON-WARRANTY:** Information contained herein is based on tests we believe to be reliable and accurate. It is offered in good faith for the benefit of the consumer. Adhesive Systems shall not be liable for any injury, loss, or damage in the use of its chemical products since the conditions of use are beyond our control. In every case we urge and recommend the user conduct tests to determine to their own satisfaction that the product is of acceptable quality and is suitable for their particular purpose under their own operating conditions. Statements concerning the possible use of our products are not intended as recommendations to use our products in the infringement of any patent. Because of changing reporting requirements and other variables it is impossible to guarantee the accuracy of the information contained in this document. It is the responsibility of the user to determine proper personal protection based on the actual condition of use and to comply with all Federal, State, and Local laws and regulations.

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