

REVISED  
Sept./2014



## MATERIAL SAFETY DATA SHEETS

### 1. CHEMICAL PRODUCT

Adhesive Systems, Inc.  
9411 Corsair Road  
Frankfort, IL 60423  
1-800-552-0299 Phone  
1-815-464-5650 Fax

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

**Product Name: Torque 170**

**Technical Name: Anaerobic Adhesive**

### 2. HAZARD IDENTIFICATION

Toxicity:  
Primary Routes of Entry:  
Signs and Symptoms of Exposure:  
  
Existing Conditions Aggravated by Exposure:

Liquid and Vapors are an eye and skin irritant.  
None known  
May cause dermatitis on prolonged contact in sensitive individuals.  
None

**Hazard Classification : Category 2**  
**Physical Classification:**  
**Symbol: None**  
**Signal Word: None**

**Health Classification:**  
**Irritant: Causes mild skin irritation**



**Symbol:**  
**Signal Word: Warning**

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Urethane Dimethacrylate resin	Proprietary	40-60
Polyglycol dimethacrylate	25852-47-5	10-20
Bisphenol A fumarate resin	39382-25-7	10-20
Polyglycol Dioctanoate	18268-70-7	10-20
Alkyl methacrylate	27813-02-1	5-10
Benzoic sulphimide	81-07-2	1-3
Organic peroxide*	80-15-9	1-2

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

Ingredients which have exposure limits	ACGIH	OSHA	OTHER
Exposure Limits (TWA)	(TLV)	(PEL)	
Organic peroxide	None	None	1ppm(6mg/m3) Skin(WEEL)

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### 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.

### 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

Eyes:	Safety glasses or goggles.
Skin:	Neoprene,
rubber, or butyl rubber gloves. Ventilation:	Does not apply
Respiratory	Not available
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:	Blue Liquid	Odor: Sharp, irritating	Boiling Point: More than 3
Specific Gravity	1.1 at 25°C		
Vapor Pressure:	Le		
ss than 0,5 mmbar at 20°C	Vapor Density:	No	
t available			
Evaporation Rate	Not available		

### 10. REACTIVITY

Stability: Stable  
Hazardous Polymerization: Will not occur  
Incompatibility: None  
Conditions to Avoid: Not available  
Hazardous Decomposition Products (non-thermal): None

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### 11. TOXICOLOGICAL INFORMATION

Estimated oral LD50 more than  
10000 mg/kg.  
Estimated dermal LD50 more  
than 5000 mg/kg.

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### 12. ECOLOGICAL INFORMATION

No data available

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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

None

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### 16. OTHER INFORMATION

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

#### **Revised September 2014**

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

**[www.instantca.com](http://www.instantca.com)**