

REVISED  
March/2016



## SAFETY DATA SHEETS

### TORQUE GM SERIES

(TORQUE GM10, GM15, GM25, GM30, GM35, GM40, GM45, GM50)

#### 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 Gasketing Material Series**

Technical Name: **Anaerobic Adhesive**

#### 2. 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: Acrylic acid: Upper respiratory and lung diseases, dermatitis

Hazard Classification

Physical Classification:

Symbol: None

Signal Word: None

Health Classification: 2

Irritant: Causes mild skin irritation



Symbol:

Signal Word: Warning

#### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Aromatic dimethacrylate	24448-20-2	5-15
Alifatic methacrylate	90551-76-1	5-10
Urethane methacrylate resin	5888-33-5	40-60
Hydroxyalkyl methacrylate	27813-02-1	10-20
Acrylic acid*	79-10-7	1-3
Organic peroxide*	80-15-9	1-2
Amorphous silica	112945-52-5	3-5
Polyglycol dimethacrylate	25852-47-5	5-10

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

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
Organic peroxide	None	None	1ppm(6mg/m <sup>3</sup> )
Hydroxyalkyl methacrylate	None	None	Skin(WHEEL) 3 ppm STEL
Acrylic acid	2 ppm TWA skin 5.9 mg/m <sup>3</sup> skin	10 ppm TWA skin 30 mg/m <sup>3</sup> skin	1 ppm TWA skin 3 ppm STEL skin

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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**

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: liquid

Odor: Sharp, irritating

Boiling Point: More than 300°F

pH: Does not apply

Solubility in Water: Slight

Specific Gravity 1.1 at 25°C

Vapor Pressure: Less than 0,5 mmbar at 20°C

Vapor Density: Not available

Evaporation Rate

(Ether = 1)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 5000 mg/kg.

Estimated dermal LD50 more than 2000 mg/kg.

## **12. ECOLOGICAL INFORMATION**

No data available

## **13. DISPOSAL CONSIDERATIONS**

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

## **14. TRANSPORTATION INFORMATION**

D.O.T. Information

Not considered hazardous for the purposes of transportation.

## **15. REGULATORY INFORMATION**

None

## **16. OTHER INFORMATION**

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

### **Revised March 2016**

**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)**