



# Material Safety Data Sheet

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## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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**MSDS NUMBER:** A-00433 **REVISED DATE:** 3/15/2011

**PRODUCT NAME:** GPM-800

**Manufacturer's Name and Address:** Gabriel Performance Products  
725 State Road  
Ashtabula, OH 44004 (440) 992-3200

**24 HOUR EMERGENCY TELEPHONE:** CHEMTREC 1-800-424-9300  
OUTSIDE U.S. 1-703-527-3887 (COLLECT)

**TO REQUEST AN MSDS:** 1-866-800-CHEM (2436)

**CUSTOMER SERVICE:** 1-866-800-CHEM (2436)

**PRODUCT USE:** Adhesive Ingredient

**CHEMICAL NAME:** Mercaptan-terminated polymer

**CHEMICAL FORMULA:** Trade Secret

**SYNONYMS/COMMON NAMES:** None

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## 2. COMPOSITION/INFORMATION ON INGREDIENTS

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**CAS NUMBER / NAME**  
Trade Secret

**EXPOSURE LIMITS** **PERCENTAGE**

This product does not contain any hazardous chemicals as defined by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

**COMMON NAMES:**

### LIST LEGEND

00 TSCA INVENTORY	02 SARA TOXIC CHEM, SECTION 313
13 PA ENVIRONMENTAL HAZ SUBSTANCE	16 NJ WORKPLACE HAZ SUBSTANCE LST
17 CA PROP 65 - REPRO TOXICITY	18 NY HAZARDOUS SUBSTANCES
19 PA REQUIREMENT- 3% OR GREATER	22 CANADIAN DOMESTIC SUB LIST
23 NJ REQUIREMENT- 1% OR GREATER	50 PHILIPPINES INVENTORY (PICCS)
51 EINECS	

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### 3. HAZARDS IDENTIFICATION

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\*\*\*\*\* EMERGENCY OVERVIEW \*\*\*\*\*

- \* \*
- \* May cause skin and/or eye irritation on prolonged or repeated exposure. \*
- \* This product does not contain any components which may contribute to significant, \*
- \* immediate health, physical, or environmental hazards. \*
- \* \*
- \* Clear white to yellow liquid with sulfur-like odor \*

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#### POTENTIAL HEALTH EFFECTS

##### ROUTES OF ENTRY:

Skin, Inhalation, Ingestion.

##### TARGET ORGANS:

None known

##### IRRITANCY:

Skin, Eyes

##### SENSITIZING CAPABILITY:

None known.

##### REPRODUCTIVE EFFECTS:

None known.

##### CANCER INFORMATION:

None known.

##### SHORT-TERM EXPOSURE (ACUTE)

##### INHALATION:

May be harmful if inhaled in large amounts or for prolonged periods.

##### EYES:

May cause eye irritation on prolonged or repeated exposure.

##### SKIN:

May cause skin irritation on prolonged or repeated exposure.

**INGESTION:**

May be harmful if swallowed.

**REPEATED EXPOSURE (CHRONIC)**

None known

**SYNERGISTIC MATERIALS:**

None known.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:**

None known.

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**4. FIRST AID MEASURES**

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**EYES:**

IMMEDIATELY flush eyes with a directed stream of water for at least 15 minutes, forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissue. IF IRRITATION PERSISTS GET MEDICAL ATTENTION.

**SKIN:**

Wash thoroughly with soap and water. Wash clothing before reuse. IF IRRITATION OCCURS, GET MEDICAL ATTENTION.

**INHALATION:**

Remove to fresh air. If breathing is difficult, have trained person administer oxygen. If respiration stops, have a trained person administer artificial respiration. IF THERE ARE ADVERSE REACTIONS, CONTACT A PHYSICIAN IMMEDIATELY.

**INGESTION:**

NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Have patient drink several glasses of water or milk. DO NOT induce vomiting. Keep airway clear. GET MEDICAL ATTENTION IMMEDIATELY.

**NOTES TO PHYSICIAN:**

None known.

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**5. FIRE FIGHTING MEASURES**

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Flash Point: 258 °C (Cleveland Open Cup)

Autoignition Temperature: Not Determined

#### **FLAMMABLE LIMITS IN AIR, BY % VOLUME**

Upper: Not Determined  
Lower: Not Determined

#### **EXTINGUISHING MEDIA:**

Carbon dioxide, Dry chemical, Foam, Water spray

#### **FIRE FIGHTING PROCEDURES:**

Keep unauthorized personnel removed and upwind. Wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus and full protective clothing.

#### **FIRE AND EXPLOSION HAZARD:**

Water may spread fire (product floats on water).

#### **SENSITIVITY TO MECHANICAL IMPACT:**

None known.

#### **SENSITIVITY TO STATIC DISCHARGE:**

None known.

#### **HAZARDOUS COMBUSTION PRODUCTS:**

Carbon dioxide, carbon monoxide, hydrogen sulfide, sulfur dioxide, sulfur trioxide

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### **6. ACCIDENTAL RELEASE MEASURES**

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#### **PERSONAL PRECAUTIONS:**

Follow protective measures provided under Personal Protection in Section 8.

#### **ENVIRONMENTAL PRECAUTIONS:**

Contain material.

#### **METHODS FOR CLEANING UP:**

Add dry material to absorb spill (if large spill, dike to contain). Using recommended protective equipment, pick up bulk of spill and place in containers for recovery or disposal. Flush area with water to remove residues.

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### **7. HANDLING AND STORAGE**

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#### **HANDLING:**

Do not get in eyes, on skin or clothing.

#### **SPECIAL MIXING AND HANDLING INSTRUCTIONS:**

None known.

#### **STORAGE:**

Store containers in a cool, dry, ventilated, fire resistant area away from sources of ignition and incompatible materials.

Do not store near resinous materials with epoxy functionality.

Keep container tightly closed and properly labeled.

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### **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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#### **ENGINEERING CONTROLS:**

Handle product in a well ventilated area.

If product is handled in an open system, the use of process enclosures, local exhaust ventilation, and/or other engineering controls should be considered to control airborne levels to below recommended exposure limits, or below acceptable levels where there are no limits.

#### **PERSONAL PROTECTION**

##### **RESPIRATORY:**

Use a NIOSH approved full-face respirator with organic vapor acid gas cartridge when handling this material if warranted.

A respiratory protection program that meets 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant use of a respirator.

##### **EYE/FACE:**

Wear chemical safety goggles (ANSI Z87.1).

##### **SKIN:**

Wear chemical resistant gloves such as rubber, neoprene or vinyl, and work clothing with full length sleeves.

##### **OTHER:**

Emergency shower and eyewash facility should be in close proximity (ANSI Z358.1).

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### **9. PHYSICAL AND CHEMICAL PROPERTIES**

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Appearance and Odor: Clear white to yellow liquid with mercaptan-like odor

Odor Threshold: Not Determined

Melting Point: Not Determined

Boiling Point: Not Determined

Specific Gravity (Water=1): 1.15

Solubility in Water: Slight (0.1 to 1%)

Percent Volatiles (by wt.): 0.3 at 70°F

Vapor Pressure: Not Determined

Vapor Density (Air=1): Not Determined

Evaporation Rate (n-Butyl Acetate = 1): Not Determined

VOC Content (EPA Method 24): Not Determined

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## 10. STABILITY AND REACTIVITY

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### CHEMICAL STABILITY:

STABLE     UNSTABLE

### REACTS WITH:

<input type="checkbox"/> AIR	<input checked="" type="checkbox"/> OXIDIZERS	<input type="checkbox"/> METALS
<input type="checkbox"/> WATER	<input checked="" type="checkbox"/> ACIDS	<input type="checkbox"/> OTHER
<input type="checkbox"/> HEAT	<input type="checkbox"/> ALKALIS	<input type="checkbox"/> NONE

### HAZARDOUS POLYMERIZATION:

OCCURS     WILL NOT OCCUR

### COMMENTS:

The use of water for fire fighting measures may spread fire.

### HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon monoxide, carbon dioxide, hydrogen sulfide, sulfur dioxide, sulfur trioxide

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## 11. TOXICOLOGICAL INFORMATION

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Oral LD50 (rat): 2.6 g/kg

Eye Irritation (rabbit): 16.8/110

Skin Irritation (rabbit): 1.2/8

Skin Sensitization (guinea pig): Negative

Dermal LD50 (rabbit): >10.2 g/kg

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## 12. ECOLOGICAL INFORMATION

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GPM-800 (trade secret)	EC50 > 100 mg/l (OECD 201/DIN 38412, part 9)
Ecotoxicity	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Mobility	The product is slightly soluble in water
Bioaccumulation	No data available
Environmental effects	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

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## 13. DISPOSAL CONSIDERATIONS

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Dispose of all waste and contaminated equipment in accordance with all applicable federal, state and local health and environmental regulations.

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## 14. TRANSPORT INFORMATION

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GENERAL INFORMATION: Not dangerous goods according to RID/ADR, ADNR, IMDG.

DOT INFORMATION: Not regulated for highway transportation

AIR TRANSPORTATION (AITA): UN3334, Aviation Regulated Liquid, N.O.S. (Mercaptan-terminated polymer), 9

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## 15. REGULATORY INFORMATION

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### U.S. FEDERAL REGULATIONS:

OSHA Standard 29 CFR 1910.1200 requires that information be provided to employees regarding the hazards of chemicals by means of a hazard communication program including labeling, material safety data sheets, training and access to written records. We request that you, and it is your legal duty to, make all information in this Material Safety Data Sheet available to your employees.

To aid our customers in complying with regulatory requirements, SARA Title III Hazard Categories for this product are indicated below. If the word "YES" appears next to any category, this product may be reportable by you under the requirements of 40.CFR.370. Please consult those regulations for details.

### TSCA:

This product and/or all of its components are included on the TSCA Inventory of Chemical Substances.

### TSCA 12(b) COMPONENTS:

None

**SARA/TITLE III HAZARD CATEGORIES:**

Immediate (Acute) Health: NO    Reactive Hazard:                    NO    Fire Hazard:    NO  
Delayed (Chronic) Health: NO    Sudden Release of Pressure:    NO

**HMIS HAZARD RATINGS:**

HEALTH HAZARD: 1    FIRE HAZARD: 1    REACTIVITY: 0

**NFPA RATINGS:**

HEALTH HAZARD: 1    FIRE HAZARD: 1    REACTIVITY: 0    OTHER: None

**STATE REGULATIONS:**

See Section 2. COMPOSITION/INFORMATION ON INGREDIENTS list legend for applicable state regulation.

**INTERNATIONAL REGULATIONS:**

Consult the regulations of the importing country.

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**16. OTHER INFORMATION**

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For additional non-emergency health, safety or environmental information telephone 1-866-800-CHEM (2436) or write to:

Customer Service Department  
Gabriel Performance Products  
725 State Road  
Ashtabula, Ohio 44004

**MSDS LEGEND:**

ACGIH = American Conference of Governmental Industrial Hygienists

CAS = Chemical Abstracts Service Registry Number

CEILING = Ceiling Limit (15 Minutes)

CEL = Corporate Exposure Limit

OSHA = Occupational Safety and Health Administration

PEL = Permissible Exposure Limit (OSHA)

STEL = Short Term Exposure Limit (15 Minutes)

TDG = Transportation of Dangerous Goods (Canada)

TLV = Threshold Limit Value (ACGIH)

TWA = Time Weighted Average (8 Hours)

WHMIS = Worker Hazardous Materials Information System (Canada)

\* = See Section 3 Hazards Identification - Repeated Exposure (Chronic) Information

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## 17. WARNING LABEL INFORMATION

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### SIGNAL WORD:

WARNING

### HAZARD WARNINGS (on label for product):

This product does not contain any components which may contribute to significant, immediate health, physical, or environmental hazards.

HANDLING AND STORAGE: Do not store near resinous materials with epoxy functionality.

### PRECAUTIONS:

Do not get in eyes, on skin or clothing.

### FIRST AID

#### EYES:

IMMEDIATELY flush eyes with a directed stream of water for at least 15 minutes, forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissue. IF IRRITATION PERSISTS GET MEDICAL ATTENTION.

#### SKIN:

Wash thoroughly with soap and water. Wash clothing before reuse. IF IRRITATION OCCURS, GET MEDICAL ATTENTION.

#### INHALATION:

Remove to fresh air. If breathing is difficult, have trained person administer oxygen. If respiration stops, have a trained person administer artificial respiration. IF THERE ARE ADVERSE REACTIONS, CONTACT A PHYSICIAN IMMEDIATELY.

**INGESTION:**

NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Have patient drink several glasses of water or milk. DO NOT induce vomiting. Keep airway clear. GET MEDICAL ATTENTION IMMEDIATELY.

**IN CASE OF SPILL OR LEAK:**

Add dry material to absorb spill (if large spill, dike to contain). Using recommended protective equipment, pick up bulk of spill and place in containers for recovery or disposal. Flush area with water to remove residues.

Follow protective measures provided under Personal Protection in Section 8.

**FIRE:**

Carbon dioxide, Dry chemical, Foam, Water spray

**HANDLING AND STORAGE:**

Do not get in eyes, on skin or clothing.

Store containers in a cool, dry, ventilated, fire resistant area away from sources of ignition and incompatible materials.

Do not store near resinous materials with epoxy functionality.

Keep container tightly closed and properly labeled.

**DISPOSAL:**

Dispose of all waste and contaminated equipment in accordance with all applicable federal, state and local health and environmental regulations.

**INFORMATION REQUIRED BY FEDERAL, STATE OR LOCAL REGULATIONS:**

**This Product Contains:**

CAS#	NAME
Trade Secret	Mercaptan-terminated polymer

Contains no photochemically reactive material in accordance with Rule 443 of the South Coast Air Quality Management District.

**24 HOUR EMERGENCY TELEPHONE :** CHEMTREC 1-800-424-9300  
OUTSIDE U.S. 1-703-527-3887 (COLLECT)

HMIS RATING: HEALTH 1 FLAMMABILITY 1 REACTIVITY 0

For Industrial Use Only

This MSDS was reviewed and updated on 9/30/2010 and 3/15/2011.