

### 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name:</b> Gasket Replacer 903	<b>Product Type:</b> Anaerobic Adhesive
<b>Company :</b> Hernon Manufacturing, Inc. 121 Tech Drive Sanford, FL 32771	<b>Contact Information:</b> Telephone: 407-322-4000 Emergency Telephone: 800-255-3924 Web Site: www.hernon.com

### 2. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

Physical state: Gel  
Color: Orange  
Odor: Mild

**HMIS:**  
HEALTH: 2\*  
FLAMMABILITY: 1  
PHYSICAL HAZARD: 1  
Personal Protection: See Section 8

**WARNING:** MAY CAUSE EYE IRRITATION  
MAY CAUSE ALLERGIC SKIN REACTION  
MAY CAUSE RESPIRATORY TRACT IRRITATION.

**Primary Routes of Entry:** Skin, Inhalation, Eyes

**Signs and Symptoms of Exposure:**

**Inhalation:** May cause respiratory tract irritation.

**Skin Contact:** Irritating to skin. May cause allergic skin reaction.

**Eye Contact:** Vapors may irritate eyes. Contact with eyes will cause irritation.

**Ingestion:** Not expected to be harmful by ingestion.

**Existing Conditions Aggravated by Exposure:** None known

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Ingredients</u>	<u>%</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER</u>
Polyglycol Dimethacrylate	60-65	None	None	None
Cellulose Ester	10-15	None	None	None
Silica, fumed, treated	5-10	3mg/m <sup>3</sup> TWA Respirable particles	None	None
Dibutyl Phthalate	5-10	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	None
Hydroxyalkyl Methacrylate	5-10	None	None	None
Cumene Hydroperoxide	1-3	None	None	1 ppm (6 mg/m <sup>3</sup> ) Skin (WEEL)
Saccharin	1-3	None	None	None
Ethylene Glycol	1-3	10 mg/m <sup>3</sup> ceiling aerosol only	None	None

<b>4. FIRST AID MEASURES</b>	
<b>Ingestion:</b>	Do not induce vomiting. Keep individual calm. Obtain medical attention.
<b>Inhalation:</b>	Does not apply.
<b>Skin Contact:</b>	Wash with soap and water.
<b>Eye Contact:</b>	Flush at least 15 minutes with water. Obtain medical attention.
<b>5. FIRE FIGHTING MEASURES</b>	
<b>Flash Point (TCC):</b>	>200°F
<b>Recommended Extinguishing Agents:</b>	Carbon dioxide, foam, dry chemical
<b>Special Firefighting Procedures:</b>	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.
<b>Hazardous Combustion Products:</b>	Oxides of carbon. Oxides of sulfur. Oxides of nitrogen. Irritating organic vapors.
<b>Unusual Fire or Explosion Hazards:</b>	None
<b>Flammable/Explosive Limits – lower %:</b>	3.2 % (ethylene glycol)
<b>Flammable/Explosive Limits – upper %:</b>	15.3 % (ethylene glycol)
<b>6. ACCIDENTAL RELEASE MEASURES</b>	
<b>Personal Precautions:</b>	Wear proper protective equipment
<b>Measures for Environmental Protection:</b>	Do not allow large quantities to enter drains or surface waters
<b>Clean-up Measures:</b>	Soak up with an inert absorbent. Store in partly filled, closed container until disposal.
<b>7. HANDLING AND STORAGE</b>	
<b>Handling:</b>	Avoid prolonged skin contact. Keep away from eyes.
<b>Storage:</b>	Store between 46° and 82°F unless otherwise labeled to preserve shelf life.
<b>8. EXPOSURE CONTROLS, PERSONAL PROTECTION</b>	
<b>Eye/Face Protection:</b>	Safety glasses or goggles with side shields
<b>Skin Protection:</b>	Use rubber or plastic gloves, and protective clothing as necessary
<b>Respiratory Protection:</b>	Use NIOSH approved respirator if there is a potential to exceed exposure limits
<b>Engineering Controls:</b>	Forced ventilation may be required if concentrations exceed exposure limits

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Gel
Color:	Orange
Odor:	Mild
Vapor Pressure:	< 5 mm Hg at 80°C
Vapor Density:	Not available
Solubility in Water:	Slight
Specific Gravity:	1.14 at 75°F
Boiling Point:	More than 300°F
Volatile Organic Compound Content	0.7%
Evaporation Rate (Ether = 1)	Not available
pH:	Does not apply

### 10. STABILITY AND REACTIVITY

Stability:	Stable
Hazardous Polymerization:	Will not occur
Hazardous Decomposition Products:	Oxides of carbon. Oxides of sulfur. Oxides of nitrogen. Irritating organic vapors.
Incompatibility:	Copper. Iron. Rust. Zinc. Aluminum. Reducing agents. Heavy metal salts Strong acids and oxidizing agents

### 11. TOXICOLOGICAL INFORMATION

Toxicity:	Estimated oral LD50 > 5,000 mg/kg. Estimated dermal LD50 > 2,000 mg/kg							
Ingredients:	Literature Referenced Target Organ and Other Health Effects					Carcinogen Status		
						NTP	IARC	OSHA
Polyglycol Dimethacrylate	ALG	IRR				NO	NO	NO
Cellulose Acetate Butrate	NTO					NO	NO	NO
Silica, fumed	NTO					NO	NO	NO
Dibutyl Phthalate	No data					NO	NO	NO
Hydroxyalkyl Methacrylate	ALG	IRR				NO	NO	NO
Cumene Hydroperoxide	ALG	CNS	COR	IRR	MUT	NO	NO	NO
Saccharin	NTO					NO	NO	NO
Ethylene Glycol	BLO	CNS	EYE	IRR	MUT	NO	NO	NO

#### Abbreviations:

<b>ALG</b>	Allergen	<b>CNS</b>	Central Nervous System	<b>BLO</b>	Blood	<b>COR</b>	Corrosive
<b>MUT</b>	Mutagen	<b>NTO</b>	No Target Organs	<b>IRR</b>	Irritant	<b>EYE</b>	Eyes

### 12. ECOLOGICAL INFORMATION

Ecological Information: Not available

### 13. DISPOSAL CONSIDERATIONS

Recommended methods of disposal: Dispose of according to Federal, State and Local regulations.

EPA Hazardous Waste Number: Not an RCRA hazardous waste

### 14. TRANSPORTATION INFORMATION

#### U.S. Dept. of Transportation Ground (49 CFR):

Proper Shipping Name: Unrestricted  
Hazard Class or Division: None  
Identification Number: None  
Packing group: None

#### International Air Transportation (ICAO/IATA):

Proper Shipping Name: Unrestricted  
Hazard Class or Division: None  
Identification Number: None  
Packing group: None

#### Water Transportation (IMO/IMDG):

Proper Shipping Name: Unrestricted  
Hazard Class or Division: None  
Identification Number: None  
Packing group: None  
Marine pollutant: None

### 15. REGULATORY INFORMATION

#### United States Regulatory Information

**TSCA 8 (b) Inventory Status:** All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory

**CERCLA/SARA 313:** This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372): Cumene Hydroperoxide, Ethylene Glycol

**California Proposition 65:** This product contains a substance(s) known to the state of California to cause cancer and/or reproductive toxicity.

**16. OTHER INFORMATION**

**Prepared By:** Jerry Litteral  
**Title:** Director - Quality & Development

**DISCLAIMER:** Some of the information presented is from sources other than direct test data on the product itself. The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable. This MSDS has been prepared in accordance with the requirements of the OSHA Hazard Communication Standard (29 CFR 1910.1200).