

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Gasket Replacer 910	Product Type: Anaerobic Adhesive
Company : Hernon Manufacturing, Inc. 121 Tech Drive Sanford, FL 32771	Contact Information: Telephone: 407-322-4000 Emergency Telephone: 800-255-3924 Web Site: www.hernon.com

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Physical state: Gel
Color: Purple
Odor: Sharp

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

WARNING: CAUSES EYE AND SKIN IRRITATION.
MAY CAUSE ALLERGIC SKIN REACTION.
MAY CAUSE RESPIRATORY TRACT IRRITATION.
MAY BE HARMFUL IF SWALLOWED.

Primary Routes of Entry: Skin, Inhalation, Eyes

Signs and Symptoms of Exposure:

Inhalation: May cause irritation to nose and throat.

Skin contact: May cause allergic skin reaction. May cause skin irritation.

Eye contact: Contact with eyes will cause irritation.

Ingestion: May cause gastrointestinal tract irritation if swallowed.

Existing Conditions Aggravated by Exposure: Acrylic acid: Respiratory disorders. Lung disease.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Ingredients</u>	<u>%</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER</u>
Polyurethane methacrylate resin	60-70	None	None	None
Polyglycol dimethacrylate	10-20	None	None	None
Acrylic acid	5-10	2ppm TWA (skin)	10 ppm TWA 30 mg/m ³	1 ppm TWA (skin) 3ppm STEL (skin)
Fumed silica	5-10	6 mg/m ³ TWA	10 mg/m ³ TWA	3 mg/m ³ TWA respirable dust
Cumene hydroperoxide	1-5	None	None	1 ppm (6 mg/m ³) Skin (WEEL)
Saccharin	1-5	None	None	None
1-Acetyl-2-phenylhydrazine	0.1-1	None	None	None

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Keep individual calm. Obtain medical attention.

Inhalation: Remove to fresh air. If symptoms develop and persist, get medical attention.

Skin Contact: Wash with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if symptoms occur.

Eye Contact: Flush with copious amounts of water, preferably, lukewarm water for at least 15 minutes, holding eyelids open all the time. Get medical attention.

5. FIRE FIGHTING MEASURES

Flash Point (TCC): > 200°F
Recommended Extinguishing Agents: Carbon dioxide, foam, dry chemical
Special Firefighting Procedures: None
Hazardous Combustion Products: Oxides of carbon. Oxides of nitrogen. Irritating organic vapors.
Unusual Fire or Explosion Hazards: None
Flammable/Explosive Limits – lower %: Not available
Flammable/Explosive Limits – upper %: Not available

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear proper protective equipment
Measures for Environmental Protection: Do not allow entry into drains or surface waters
Clean-up Measures: Soak up with an inert absorbent. Store in partly filled, closed container until disposal.

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin and clothing. Avoid breathing vapor and mist. Wash thoroughly after handling. Use only with adequate ventilation.
Storage: Store between 46° and 85°F unless otherwise labeled to preserve shelf life.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eye/Face Protection: Safety glasses or goggles with side shields
Skin Protection: Use rubber or plastic gloves, and protective clothing as necessary
Respiratory Protection: Use NIOSH approved respirator if there is a potential to exceed exposure limits
Engineering Controls: Forced ventilation may be required if concentrations exceed exposure limits

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Gel
Color: Purple
Odor: Sharp
Vapor Pressure: Less than 10 mm at 80°F
Vapor Density: Not available
Solubility in Water: Slight
Specific Gravity: 1.10
Boiling Point: > 300°F
Volatile Organic Compound Content Not Available
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 nitrogen. Irritating organic vapors.
Incompatibility: Strong oxidizers.

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					
Polyurethane methacrylate resin	NO	NO	NO					
Polyglycol dimethacrylate	NO	NO	NO					
Acrylic acid	NO	NO	NO	KID	LIV			
Fumed silica	NO	NO	NO					
Cumene hydroperoxide	NO	NO	NO	IRR	MUT			
Saccharin	NO	NO	NO					
1-Acetyl-2-phenylhydrazine	NO	NO	NO	MUT	SOM			

Abbreviations:

ALG Allergen **IRR** Irritant **COR** Corrosive **KID** Kidney **CNS** Central Nervous System
LIV Liver **MUT** Mutagen **BLO** Blood **NTO** No Target Organs **SOM** Some Evidence of Carcinogenicity

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, Acrylic Acid

California Proposition 65: This product contains or may contain trace quantities of chemicals known to the state of California to cancer and/or reproductive harm - None

REACH regulation 67/548/EEC This product contains the following toxic chemicals subject to the reporting requirements of REACH: Cumene Hydroperoxide, Acrylic acid

16. OTHER INFORMATION

Prepared By: C. Alt
Title: Manger - Quality & Development

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