

**1. PRODUCT AND COMPANY IDENTIFICATION**

<b>Product Name:</b> Silastomer <sup>®</sup> 333	<b>Product Type:</b> Silicone
<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.hernonmfg.com

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

<u>Ingredients</u>	<u>%</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER</u>
Dimethyl polysiloxane	85-90	None	None	None
Silica, Fumed	5-10	6 mg/m <sup>3</sup> TWA	10 mg/m <sup>3</sup> TWA	3 mg/m <sup>3</sup> TWA respirable dust
Ethyltriacetoxysilane	1-5	None	None	None
Methyltriacetoxysilane	1-5	None	None	None

**3. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

Physical state: Paste  
 Color: Colorless  
 Odor: Acetic Acid

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

**WARNING:** MAY CAUSE EYE, SKIN, AND RESPIRATORY TRACT IRRITATION.

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

**Signs and Symptoms of Exposure:**

**Inhalation:** Acetic acid produced during cure irritates eyes, nose and throat.  
**Skin contact:** May cause skin irritation.  
**Eye contact:** Contact with eyes will cause irritation. Vapors may irritate eyes.  
**Ingestion:** Not expected to be harmful by ingestion.

**Existing Conditions Aggravated by Exposure:** Eye, skin, and respiratory disorders.

4. FIRST AID MEASURES	
<b>Ingestion:</b>	Do not induce vomiting. Keep individual calm. Obtain medical attention.
<b>Inhalation:</b>	Remove to fresh air. If symptoms develop and persist, get medical attention.
<b>Skin Contact:</b>	Wipe off paste with paper towel or cloth. Wash exposed area with soap and water.
<b>Eye Contact:</b>	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	
<b>Flash Point (TCC):</b>	> 200°F
<b>Recommended Extinguishing Agents:</b>	Carbon dioxide, foam, dry chemical
<b>Special Firefighting Procedures:</b>	None
<b>Hazardous Combustion Products:</b>	Formaldehyde, silica mist
<b>Unusual Fire or Explosion Hazards:</b>	None
<b>Flammable/Explosive Limits – lower %:</b>	Acetic acid: 4%
<b>Flammable/Explosive Limits – upper %:</b>	Acetic acid: 19.9% at 200°F
6. ACCIDENTAL RELEASE MEASURES	
<b>Personal Precautions:</b>	Wear proper protective equipment
<b>Measures for Environmental Protection:</b>	Do not allow entry into drains or surface waters
<b>Clean-up Measures:</b>	Wipe and/or scrape up spilled material. Maintain good ventilation for large spills. Place scrap material in a well ventilated place and allow to cure to rubber.
7. HANDLING AND STORAGE	
<b>Handling:</b>	Avoid contact with eyes, skin and clothing. Avoid breathing vapor and mist. Wash thoroughly after handling. Use only with adequate ventilation.
<b>Storage:</b>	Store between 46° and 82°F unless otherwise labeled to preserve shelf life.
8. EXPOSURE CONTROLS, PERSONAL PROTECTION	
<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**

<b>Physical State:</b>	Paste
<b>Color:</b>	Colorless
<b>Odor:</b>	Acetic Acid
<b>Vapor Pressure:</b>	Less than 5 mm at 80°F
<b>Vapor Density:</b>	Not available
<b>Solubility in Water:</b>	Polymerized
<b>Specific Gravity:</b>	1.35 at 75°F
<b>Boiling Point:</b>	Not applicable
<b>Volatile Organic Compound Content</b>	4.5%
<b>Evaporation Rate (Ether = 1)</b>	Not available
<b>pH:</b>	Does not apply

**10. STABILITY AND REACTIVITY**

<b>Stability:</b>	Stable
<b>Hazardous Polymerization:</b>	Will not occur
<b>Hazardous Decomposition Products:</b>	Acetic acid is liberated slowly upon contact with moisture. Formaldehyde.
<b>Incompatibility:</b>	Acids. Bases. Oxidizing agents. Water.

**11. TOXICOLOGICAL INFORMATION**

Ingredients:	Literature Referenced Target Organ and Other Health Effects	Carcinogen Status		
		NTP	IARC	OSHA
Dimethyl polysiloxane	FET	NO	NO	NO
Silica, Fumed	NTO	NO	NO	NO
Ethyltriacetoxysilane	No data	NO	NO	NO
Methyltriacetoxysilane	No data	NO	NO	NO

**Abbreviations:**

FET Fetotoxic NTO No Target Organs

**12. ECOLOGICAL INFORMATION**

**Water Hazard:** Do not allow entry into drains or surface waters

**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): None

**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.