

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Silastomer®334	Product Type: Silicone
Company : Hernon Manufacturing, Inc. 121 Tech Drive Sanford, FL 32771	Contact Information: 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 ³ TWA	10 mg/m ³ TWA	3 mg/m ³ TWA respirable dust
Ethyltriacetoxysilane	1-5	None	None	None
Methyltriacetoxysilane	1-5	None	None	None
Titanium Dioxide	1-5	10 mg/m ³ TWA	15 mg/m ³ TWA (total dust)	None

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Physical state: Paste
Color: White
Odor: Acetic acid

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

CAUTION: MAY CAUSE SKIN, EYE, AND RESPIRATORY IRRITATION.

Primary Routes of Entry: Skin, eye, inhalation

Signs and Symptoms of Exposure:

Inhalation: Acetic acid produced during cure irritates eyes, nose and throat.
Skin Contact: May cause skin irritation
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: Eye, skin and respiratory disorders.

4. FIRST AID MEASURES

Ingestion:	Do not induce vomiting. Keep individual calm. Obtain medical attention.
Inhalation:	Remove to fresh air
Skin Contact:	Wipe off paste with paper towel or cloth. Wash exposed area with soap and water.
Eye Contact:	Flush at least 15 minutes with water. Obtain medical attention.

5. FIRE FIGHTING MEASURES

Flash Point (TCC):	>200°F
Recommended Extinguishing Agents:	Carbon dioxide, foam, dry chemical
Special Firefighting Procedures:	Not available
Hazardous Combustion Products:	Acetic acid, formaldehyde, Silica fume
Unusual Fire or Explosion Hazards:	None
Flammable/Explosive Limits – lower %:	NA
Flammable/Explosive Limits – upper %:	NA

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:	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

Handling:	Avoid prolonged skin contact. Keep away from eyes. Avoid breathing vapor.
Storage:	Store between 46° and 82°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:	Paste
Color:	White
Odor:	Acetic Acid
Vapor Pressure:	Less than 5 mm at 80°F
Vapor Density:	Not available
Solubility in Water:	Polymerized
Specific Gravity:	1.04 at 75°F
Boiling Point:	Not applicable
Volatile Organic Compound Content	4.3%
Evaporation Rate (Ether = 1)	Not available
pH:	Does not apply

10. STABILITY AND REACTIVITY

Stability:	Stable
Hazardous Polymerization:	Will not occur
Hazardous Decomposition Products:	None
Incompatibility:	Polymerized by contact with moisture. Acetic acid liberated.

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	
Dimethyl polysiloxane	FET	NO	NO	NO	
Silica, Fumed	NTO	NO	NO	NO	
Ethyltriacetoxysilane	No data	NO	NO	NO	
Methyltriacetoxysilane	No data	NO	NO	NO	
Titanium Dioxide	IRR	NO	NO	NO	

Abbreviations:

NTO No Target Organs **FET** Fetotoxic **IRR** Irritant

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. This MSDS has been prepared in accordance with the requirements of the OSHA Hazard Communication Standard (29 CFR 1910.1200).