

1	PRODUCT AND COMPANY IDENTIFICATION
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Manufacturer

Grant Industries, Inc.  
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Product Name: Grant MGS-Elastomer 1148P  
Revision Date: 3/23/2016  
CAS Number: See section 3  
Chemical Family: Organopolysiloxane Mixture  
Chemical Formula: NA  
Product Use: Sensory Excipient for Topical Pharmaceutical Applications

## REACH COMPLIANT SDS

Safety data sheets (SDSs) have been a well-accepted and effective method for the provision of information to recipients of substances and mixtures in the EU. These have been made an integral part of the system of Regulation (EC) No 1907/2006 (REACH) 1. The original requirements of REACH for SDSs have been further adapted to take into account the rules for safety data sheets of the Global Harmonised System (GHS)<sup>2</sup> and the implementation of other elements of the GHS into EU legislation that were introduced by Regulation (EC) No 1272/2008 (CLP) 3 via amendments to Annex II of REACH 4.

2	HAZARDS IDENTIFICATION
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Route of Entry: Possible eye or skin contact.  
Target Organs: None known  
Inhalation: None known  
Skin Contact: None known  
Eye Contact: Wear eye protection while handling.  
None known  
Ingestion: None known.

GHS Signal Word:  
WARNING

GHS Classifications:  
Physical, Flammable Liquids, 4

GHS Phrases:  
H227 - Combustible liquid

GHS Precautionary Statements:  
P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking

Info on this product mixture:  
GHS Hazard Symbols: none

3	COMPOSITION/INFORMATION ON INGREDIENTS
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Ingredients:

Excipient Name	Cas #	Einecs #	UNII
Cyclomethicone 5	541-02-6	208-764-9	0THT5PCI0R
Polysilicone-11	156065-02-0	polymer	9E4CO0W6C5
Petrolatum	8009-03-8	232-373-2	4T6H12BN9U

All Percentages are Proprietary

4	FIRST AID MEASURES
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Inhalation: Remove victim to fresh air. Seek medical attention if respiratory irritation or distress occurs.  
Skin Contact: Wash affected areas with soap and water. Consult physician if irritation persists.  
Eye Contact: Flush eyes with water for at least 15 minutes. Consult physician if irritation persists.  
Ingestion: Call a physician immediately. Do not induce vomiting without medical advice.

5	FIRE FIGHTING MEASURES
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Flammability: Combustible  
Flash Point: 171 °F ( 77 °C )  
Flash Point Method: Close Cup  
Autoignition Temp: NA

Extinguishing Media: Water, CO2, dry chemical, foam  
Special Fire Fighting: Use self-contained breathing apparatus, due to possible generation of toxic fumes.

6	ACCIDENTAL RELEASE MEASURES
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Dike and soak up with inert absorbent material (e.g. sand, silica gel, sawdust). Remove and dispose of in accordance with federal, state, and local laws.

7	HANDLING AND STORAGE
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Handling Precautions: Use with adequate ventilation, avoid eye and skin contact.  
Storage Requirements: keep container closed.

8	EXPOSURE CONTROLS/PERSONAL PROTECTION
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Engineering Controls: Maintain air concentrations in work spaces in acord with standards outlined in sections 2 and 3.  
Personal Protective Equip: HMIS PP, A | Safety Glasses

Eye contact should be prevented through use of chemical safety glasses with side shields or splash proof goggles. An emergency eye wash should be readily accesible to the work area. Skin contact should be minimized through use of gloves and suitable long-sleeved clothing (i.e., shirts and pants).

9	PHYSICAL AND CHEMICAL PROPERTIES
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Appearance:	Translucent Gel	Odor:	Low - Typical
Physical State:	Gel	Solubility:	0.017
Spec Grav./Density:	0.97	Freezing/Melting Pt.:	NA
Boiling Point:	210 C	Vapor Density:	Not Determined
Partition Coefficient:	5.2		
Vapor Pressure:	Not Determined		
pH:	NA		

10	STABILITY AND REACTIVITY
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Stability: Stable  
Conditions to Avoid: Avoid sparks or combustion sources. Use with adequate ventilation.  
Materials to Avoid: None known  
Hazardous Decomposition: May produce toxic oxides of carbon upon combustion.  
Hazardous Polymerization: None known

11	TOXICOLOGICAL INFORMATION
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The combination of the ingredients in this product are not acutely irritating or sensitizing.

Individual component info:

Cyclopentasiloxane

Organism	Test Type	Route	Reported Dose (Normalized Dose)	Effect	Source
rabbit	LD50	skin	> 16mL/kg (16mL/kg)		<a href="#">Toxicology and Applied Pharmacology. Vol. 28, Pg. 313, 1974.</a>
rat	LC	inhalation	> 2700mg/m <sup>3</sup> /4H (2700mg/m <sup>3</sup> )		National Technical Information Service. Vol. OTS0572802,
rat	LD50	oral	> 24134mg/kg (24134mg/kg)		National Technical Information Service. Vol. OTS0572801,

Petrolatum

Organism	Test Type	Route	Reported Dose (Normalized Dose)	Effect	Source
mouse	LD50	intraperitoneal	> 50gm/kg (50000mg/kg)		National Technical Information Service. Vol. AD691-490,

12	ECOLOGICAL INFORMATION
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Environmental Fate and Distribution: No specific information is available

13	DISPOSAL CONSIDERATIONS
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Waste Disposal: Dispose in accordance with local, state and federal laws as a non-hazardous, non-VOC raw material.

14	TRANSPORT INFORMATION
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Road shipment information  
49 CFR 172.101 / ADR

Proper Shipping Name:	Combustible Liquid, N.O.S.
Hazard Technical Name:	Cyclosiloxane
Hazard Class:	Combustible Liquid
Packing Group:	III
UN Number:	NA1993

Above applies only to containers over 119 Gallons or 450 liters.

TRANSPORTATION INFORMATION-IMO/IMDG CODE (OCEAN)

Not subject to IMDG code.

TRANSPORTATION INFORMATION-ICAO/IATA (AIR)

Not subject to IATA regulations.

15	REGULATORY INFORMATION
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Contents of this MSDS comply with the OSHA Hazard Communication Standards 29CFR 1910.1200

EPA SARA Title III Chemical Listings:

Section 302 Extremely Hazardous Substances:	None
Section 312 Hazard Class:	

Acute:	No
Chronic:	No
Fire:	yes
Pressure:	No
Reactive:	No

Section 313 Toxic Chemicals:	None present or none present in regulated
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quantities.

EU info:

This product is not considered dangerous according to 99/45/EC as ammended.

Note: On FDA website:

Polysilicone-11 is a functional synonym for  
Dimethicone/Vinyl Dimethicone Crosspolymer (soft Particle)

16	OTHER INFORMATION
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Grant Industries, Inc. has shipped this product at your request with the understanding that we have no control over the storage, handling, and conditions of use, which are of critical importance.

Grant Industries, Inc. does not assume any liability for any injury to persons or property arising out of the use, handling or storage of this material. The information included in this document is given in good faith and represents our best present state of knowledge relevant to safety requirements but is offered without guarantee or warranty.