

# OHIO VALLEY Specialty Company

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## MATERIAL SAFETY DATA SHEET

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### Section 1. Chemical Identification

Product Name/Number: OV-1 Silicone Gum  
Chemical Name: Dimethylpolysiloxane  
Chemical Family: Organosilicon Fluid

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### Section 2. Composition/information on Ingredients

CAS Number: 63148-62-9

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### Section 3. Hazardous Identification

None Present	%	TLV (units):
	%	TLV (units):

Label precautionary statements

Caution: Avoid contact and inhalation.

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### Section 4. First-aid Measures

Effects of Overexposure: No evidence of adverse effects from available information.

Threshold Limit Value: None established by ACGIH or OSHA

Emergency and First Aid Procedures: None Required

Eyes: In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.

Skin: In case of contact, immediately wash skin with soap and copious amounts of water.

Inhalation: If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

Ingestion: If swallowed, wash out mouth with water provided person is conscious. Call a physician.

Wash contaminated clothing before reuse.

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### Section 5. Fire Fighting Measures

Flash Point: >400°F Pinsky-Martens closed cup ASTM D 93

Flammable Limits in Air, % by volume: Lower: Not determined  
Upper: Not determined

Extinguishing Media: Water spray. Carbon dioxide, dry chemical powder or appropriate foam

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual Fire and Explosion Hazards: Emits toxic fumes under fire conditions.

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### Section 6. Accidental Release Measures

Steps to be taken in case material is spilled:  
Collect for disposal. Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Absorb on sand or vermiculite and place in closed containers for disposal. Ventilate area and wash spill site after material pickup is complete.

Waste disposal method:  
Incinerate in a furnace according to local, state, and federal regulations.

Hazardous Substance: None RQ: Not Applicable  
Concentration of Hazardous Substance: Not Applicable  
Reportable quantity of product: Not Applicable

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### Section 7. Handling & Storage

Precautions to be taken in handling and storage:  
Normal precautions common to good manufacturing and laboratory practice should be observed in handling and storing this product.

Other Precautions:  
None known to OVSC.  
Refer to Section 8.

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### Section 8. Exposure Controls/Personal Protection

Chemical safety goggles.  
Compatible chemical-resistant gloves.  
NIOSH/MSHA-approved respirator.  
Safety shower and eye bath.  
Mechanical exhaust required.  
Avoid inhalation.  
Avoid contact with eyes, skin and clothing.  
Avoid prolonged or repeated exposure.  
Wash thoroughly after handling.  
Keep tightly closed.  
Store in a cool dry place.

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### Section 9. Physical & Chemical Properties

Boiling Point: >500°C (Polymer)  
Specific Gravity: 0.98 @ 25/25°C  
Melting Point: Semi-solid  
Vapor Pressure: <1 mm Hg  
Vapor Density (Air = 1): >1  
Evaporation Rate (Ether = 1): <1  
Solubility in Water: Insoluble.  
Toluene: Soluble  
Flash Point: >400°F Pensky-Martens closed cup ASTM  
D 93  
Appearance: Clear to slightly hazy semi-solid  
Color: Water white  
Odor: Very low

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### Section 10. Stability & Reactivity

Stability: Stable  
Conditions to avoid: None  
Incompatibility (Materials to avoid): Strong oxidizing agents  
Hazardous Combustion or  
Decomposition Products: Burning can produce carbon monoxide, carbon dioxide, and oxides of silicon.  
Hazardous Polymerization: Will not occur.  
Conditions to avoid: None

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### Section 11. Toxicological Information

Acute effects:  
May be harmful by inhalation, ingestion or skin absorption.  
May cause eye irritation.  
May cause skin irritation.  
Material may be irritating to mucous membranes and upper respiratory tract.  
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

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### Section 12. Ecological Information

Data not yet available.

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### Section 13. Disposal Considerations

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Observe all local, state, and federal environmental regulations.

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### Section 14. Transport Information

DOT Shipping Name: None  
DOT Hazard Class: Not DOT Regulated  
DOT Label (s): None  
UN/NANumber: None  
Placards: None  
IATA: None  
IMO IMDG-code: None  
European Class  
RID (OCTI): None  
ADR (ECE): None  
RAR (IATA): None

## Section 15. Regulatory Information

Components present in this product at a level which could require reporting under either Federal and/or various states Right-to-Know Statutes are as follows:

<u>Chemical</u>	<u>CAS#</u>	<u>Upper Bound Concentration</u>
Dimethylpolysiloxane	63148-62-9	99+%

### European Information

Caution: substance not yet fully tested.

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## Section 16. Other Information

This data is offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

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File Name: OV-1

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