

# OHIO VALLEY Specialty Company

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## MATERIAL SAFETY DATA SHEET

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### Section 1. Product Description

Product Name/Number: OV-3 Silicone Fluid  
Chemical Name: Phenylmethyldimethylpolysiloxane  
Chemical Family: Organosilicon Fluid  
CAS Number: 63148-52-7

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### Section 2. Physical Properties

Boiling Point: >200°C (Polymer)  
Specific Gravity: 0.99 @ 25/25°C  
Melting Point: <-50°C  
Vapor Pressure: <1 mm Hg  
Vapor Density (Air = 1): >1  
Evaporation Rate (Ether = 1): <1  
Solubility in Water: Insoluble  
Flash Point: >300°F Pinsky-Martens closed Cup ASTM D 93  
Appearance: Clear liquid  
Color: Water white  
Odor: Very low

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### Section 3. Hazardous Ingredients

None present	%	TLV (units):
	%	TLV (units):

### Section 4. Fire and Explosion Hazard Data

Flash Point: >300°F Pinsky-Martens closed cup ASTM D 93  
Flammable limits in air, % by volume:  
Lower: Not determined Upper: Not determined  
Extinguishing Media: Carbon Dioxide or Foam  
Special Fire Fighting Procedures: None expected to be required  
Unusual Fire and Explosion Hazards: None known

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### Section 5. Health Hazard Data

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

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### Section 6. Reactivity Data

Stability: Stable  
Conditions to Avoid: None  
Incompatibility (Materials to Avoid): None  
Hazardous 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 7. Spill, Leak, and Disposal Procedures

Steps to be taken in case material is spilled:  
Collect for disposal. Soak up residue with absorbent material and discard.  
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

### Section 8. Special Protection Information

Respiratory Protection (Specify Type): None required in normal use  
Ventilation  
Local Exhaust: None should be required  
Special: None known to OVSC  
Mechanical (General): Recommended  
Other: None known to OVSC  
Protective Gloves: None should be required in normal use.  
Eye Protection: Proper eye protection should be worn in any type of industrial or laboratory operation.  
Other Protective Equipment: As required by your company

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### Section 9. Special Precautions

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

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### Section 10. 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:

Chemical	CAS #	Upper Bound Concentration
Phenylmethyldimethyl -polysiloxane	63148-52-7	99+%

### NOTE:

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.

File Name: OV-3  
Revised: March 6, 1990  
Revised: May 25, 2001  
Revised: August 29, 2008  
Revised: September 8, 2011  
Revised: September 17, 2014