



# MATERIAL SAFETY DATA

Chemtrec 24-Hour Emergency Telephone

Domestic North America (800) 424-9300

International (800) 527-3887

*This MSDS complies with 29 CFR 1910.1200 (Hazard Communications)*

## 1. Product and Supplier Identification

**Product Name:** Fibercast RTV Silicone Kit

**Product Number:** 2511, 2512, 2519, 25144

**Date of Prep:** 11-5-2010

**Product Type:** 2 part RTV Rubber Mixture

**Supplier:** Fiberlay Inc.  
24 S. Idaho S.  
Seattle, Wa 98134  
(206)782-0660

## 2. Composition/Information On Ingredients

CAS No.	Chemical Name	% (by weight)
63148-60-7	Polydimethyl Siloxane Mixture	<50
1317-65-3	Mineral Fillers	>50
112945-52-5	Hydrophobic Silicon Dioxide Amorphous	>40

### CATALYST FOR SYLICONE RUBBER:

	Metallic Complex	>10
	Polysiloxane Polymer	<40
	Polysilicates	<20

## 3. Hazards Identification

Organopolysiloxane Mixture	Catalyst for Silicone Rubber
<b>Threshold Limit Value:</b> N/A  <ul style="list-style-type: none"> <li>• <b>Effects of Overexposure:</b> No significant effect</li> <li>• <b>Eyes:</b> May cause slight irritation</li> <li>• <b>Ingestion:</b> <ul style="list-style-type: none"> <li>✓ Induce vomiting</li> <li>✓ Contact a physician or a poison control center</li> </ul> </li> </ul>	<b>Threshold Limit Value:</b> N/A  <ul style="list-style-type: none"> <li>• Inhalation: may cause:               <ul style="list-style-type: none"> <li>✓ Dizziness</li> <li>✓ Headache</li> <li>✓ Nausea</li> </ul> </li> <li>• Eye &amp; Skin: may cause irritation &amp; dermatitis</li> </ul>

#### 4. First Aid Measures

Organopolysiloxane Mixture	Catalyst for Silicone Rubber
<b>Skin:</b> <ul style="list-style-type: none"> <li>Remove liquid from skin with a dry cloth</li> <li>Wash exposed area with detergent</li> </ul> <b>Eyes:</b> <ul style="list-style-type: none"> <li>Immediately flush with water for at least 15 min</li> </ul> <b>Ingestion:</b> <ul style="list-style-type: none"> <li>Induce vomiting</li> </ul>	<b>Skin:</b> <ul style="list-style-type: none"> <li>Remove from skin with a dry cloth</li> <li>Wash with detergent</li> </ul> <b>Eyes:</b> <ul style="list-style-type: none"> <li>Immediately flush with water for at least 15 min</li> <li>Call physician</li> </ul>

#### 5. Fire Fighting Measures

Organopolysiloxane Mixture	Catalyst for Silicone Rubber
<b>Flash Point:</b> UN#:NOS <b>Flammable Limits:</b> Not Measured <b>Extinguishing Media:</b> <ul style="list-style-type: none"> <li>Foam</li> <li>Dry chemical</li> <li>Carbon Dioxide</li> </ul> <b>Unusual Fire and Explosion Hazards:</b> None <b>Special Fire Fighting Procedures:</b> None required	<b>Flash Point:</b> UN#: NOS 166°F <b>Flammable Limits:</b> Ethanol LEL: 4.3 UEL: 1.9 <b>Extinguishing Media:</b> <ul style="list-style-type: none"> <li>Foam</li> <li>Dry chemical</li> <li>Carbon dioxide</li> </ul> <b>Unusual Fire and Explosion Hazards:</b> <ul style="list-style-type: none"> <li>Solvent vapors from explosive mixtures with air</li> </ul> <b>Special Fire Fighting Procedures:</b> <ul style="list-style-type: none"> <li>Use approved respirator &amp; protective clothing</li> <li>Flammable material due to solvents</li> </ul>

#### 6. Accidental Release Measures

Organopolysiloxane Mixture	Catalyst for Silicone Rubber
<ul style="list-style-type: none"> <li>Contain the spill or leak</li> <li>Scrape up with cardboard or rag</li> <li>Place in container</li> </ul> <b>Waste Disposal method:</b> <ul style="list-style-type: none"> <li>Can be burned in accordance with regulations</li> </ul>	<ul style="list-style-type: none"> <li>Shut off ignition sources</li> <li>Wear appropriate protective equipment</li> <li>Collect spill on absorbent material</li> </ul>

#### 7. Handling and Storage

Organopolysiloxane Mixture	Catalyst for Silicone Rubber
<ul style="list-style-type: none"> <li><b>Storage:</b> <ul style="list-style-type: none"> <li>✓ Keep container closed</li> <li>✓ Keep in cool place</li> <li>✓ Keep away from heat or flame</li> <li>✓ Keep container upright</li> </ul> </li> <li><b>Handling:</b> <ul style="list-style-type: none"> <li>✓ Avoid prolonged contact with eyes</li> <li>✓ Avoid repeated contact with skin</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li><b>Storage:</b> <ul style="list-style-type: none"> <li>✓ Keep container closed</li> <li>✓ Store in a cool place</li> </ul> </li> <li><b>Handling:</b> <ul style="list-style-type: none"> <li>✓ Wash thoroughly after handling</li> <li>✓ Keep away from sparks, flame, and heat</li> <li>✓ Use only with adequate ventilation</li> </ul> </li> </ul>

## 8. Exposure Controls / Personal Protection

Organopolysiloxane Mixture	Catalyst for Silicone Rubber
<b>Respiratory Protection:</b> Not required  <b>Protective Gloves:</b> <ul style="list-style-type: none"> <li>Plastic film or rubber gloves</li> </ul> <b>Eye Protection:</b> <ul style="list-style-type: none"> <li>Safety glasses</li> </ul> <b>Other Protective Equipment:</b> <ul style="list-style-type: none"> <li>Eye wash equipment</li> </ul>	<b>Respiratory Protection:</b> <ul style="list-style-type: none"> <li>Approved Respirator</li> </ul> <b>Ventilation:</b> <ul style="list-style-type: none"> <li>Local exhaust required</li> </ul> <b>Protective Gloves:</b> <ul style="list-style-type: none"> <li>Rubber gloves</li> </ul> <b>Eye Protection:</b> <ul style="list-style-type: none"> <li>Splash proof goggles</li> </ul> <b>Other Protective Equipment:</b> <ul style="list-style-type: none"> <li>Safety shower</li> <li>Eye wash equipment</li> </ul>

## 9. Physical and Chemical Properties

Organopolysiloxane Mixture		Catalyst for Silicone Rubber	
<b>Boiling Point:</b>	N/A	<b>Boiling Point:</b>	172°F
<b>Specific Gravity</b>	1.16 (H <sub>2</sub> O = 1)	<b>Specific Gravity</b>	1.05
<b>Evaporation Rate:</b>	Neg (Ethyl Ether = 1)	<b>Evaporation Rate:</b>	1 (Ethanol = 1)
<b>Solubility in Water:</b>	N/A	<b>Solubility in Water:</b>	No
<b>Odor / Color:</b>	Natural & Odorless paste	<b>Odor / Color:</b>	Slightly solvent odor; blue
<b>Vapor Pressure:</b>	Neg (mm Hg @ 77°F)	<b>Vapor Pressure:</b>	50 mm Hg
<b>Vapor Density:</b>	N/A (Air = 1)	<b>Vapor Density:</b>	1.6 (Air = 1)
<b>% Volatile by volume</b>	0.5 max (%) @ 77°F	<b>% Volatile by volume</b>	N/A (After 3 hrs @ 221°F)

## 10. Stability and Reactivity

Organopolysiloxane Mixture	Catalyst for Silicone Rubber
<b>Stability:</b> Stable	<b>Stability:</b> Stable
<b>Conditions to Avoid:</b> N/A	<b>Conditions to Avoid:</b> Heating
<b>Materials to Avoid:</b> None	<b>Materials to Avoid:</b> None
<b>Hazardous Decomposition Products:</b> None	<b>Hazardous decomposition products:</b> None
<b>Hazardous Polymerization:</b> Will not Occur	<b>Hazardous Polymerization:</b> Will not occur

## 11. Transport Information

### DOT (CFR 49): Hazard Classification / per CFR 49

Organopolysiloxane Mixture	Catalyst for Silicone Rubber
<b>NFPA:</b> Health 0 Fire 1 Reactivity 0	<b>NFPA:</b> Health 0 Fire 1 Reactivity 0
<b>California Prop 65:</b> Not listed <b>SARA Section 313:</b> Not listed	<b>California Prop 65:</b> Not listed <b>SARA Section 313:</b> Not listed

## 12. Other Information

### NFPA Hazard Classification

Health: 0 Flammability: 1 Reactivity: 0

**Preparation Date:** 11-5-2010

**Prepared by:** Fiberlay Inc

**Comments:** This Material Safety Data Sheet was prepared using information provided by Fiberlay Inc, and CCINFO

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**Revisions:** None