

Materials Safety Data Sheet

Product: SILICONE SEALANT(NERTRAL GP)

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

SIKASIL 119 MP

Manufacturer:

Guangdong Olivia Chemical Industry Co.,Ltd.
 For Information Call: 0086-20-38850179
 For Emergency Call: 0086-13690754935
 Fax : 0086-20-38850478

2. COMPOSITON / INFORMATION ON INGREDIENT

DESCRIPTION:

Fluid Mixture of PDMS, fillers and cross-linking agents

CAS#	Chemical Name	%
63148-60-7	hydroxy-temmated dimethyl siloxanc	40%~70%
22984-54-9	Methyltris(methlethylketoxime)silane	<10%
2224-33-1	Vinyltris(methylethylketoxime)silane	<10%
471-34-1	Nano-Calcium carbonate	<40%
919-30-2, 2530-83-8, 2530-87-2	Functional silica	<1%
77-58-7, 3648-18-8, 78-04-6	Organometalic compound	<0.05%
63148-62-9	silicone oil	<10

3. HAZARDOUS IDENTIFICATION

Acute

Eye: Direct contact may cause mild irritation.
 Skin: No significant irritation expected from a single short-term exposure.
 Inhalation: Vapor overexposure may cause drowsiness.
 Oral: Low ingestion hazard in normal use.

Prolonged/Repeated Exposure Effects

Eye: Repeated or prolonged exposure may cause irritation.
 Inhalation: No known applicable information.
 Oral: Repeated ingestion or swallowing large amounts may injure internally.

Signs and Symptoms of Overexposure

No known applicable information.

Medical Conditions Aggravated by Exposure

No known applicable information

4. FIRST AID MEASURES

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Eye	Immediately flush with water for 15 minutes.
Skin:	No first aid should be needed.
Oral:	Get medical attention.
Comments:	Treat according to person's condition and specifics of exposure.
5. FIRE FIGHTING MEASURES	
Flash Point:	Not applicable.
Autoignition Temperature:	Not determined.
Flammability Limits in Air:	Not determined.
Extinguishing Media:	On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide (CO ₂), dry chemical or water spray. Water can be used to cool fire exposed containers.
Fire Fighting Measures:	Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.
Unusual Fire Hazards:	None.
Hazardous Decomposition Products Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Carbon oxides and traces of incompletely burned carbon compounds. Nitrogen oxides. Silicon dioxide. Formaldehyde. Metal oxides. Sulfur oxides. Iodine compounds. Quartz.	
6. ACCIDENTAL RELEASE MEASURES	
Containment/Clean up:	Observe all personal protection equipment recommendations described in Sections 5 and 8. Wipe up or scrape up and contain for salvage or disposal. Clean area as appropriate since some silicone materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbant or cleaning materials appropriately, since spontaneous heating may occur. Local, state and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which federal, state and local laws and regulations are applicable. Sections 13 and 15 of this MSDS provide information regarding certain federal and state requirements.
Note: See section 8 for Personal Protective Equipment for Spills.	
7. HANDLING AND STORAGE	
Use with adequate ventilation. Product evolves flammable methyl alcohol when exposed to water or humid air. Provide ventilation during use to control exposure within Section 8 guidelines or use air-supplied or self-contained breathing apparatus. Avoid eye contact. Avoid breathing vapor. Keep container closed. Do not take internally.	

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Use reasonable care and store away from oxidizing materials. Keep container closed and store away from water or moisture.	
8. EXPOSURE CONTROLS AND PERSONAL PROTECTION	
Personal Protective Equipment for Routine Handling	
Eyes:	Use proper protection - safety glasses as a minimum.
Skin:	Washing at mealtime and end of shift is adequate.
Suitable Gloves:	No special protection needed.
Inhalation:	Use respiratory protection unless adequate local exhaust ventilation is provided or air sampling data show exposures are within recommended exposure guidelines. Industrial Hygiene Personnel can assist in judging the adequacy of existing engineering controls.
Suitable Respirator:	General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits as determined by air sampling or are unknown, appropriate respiratory protection should be worn. Follow OSHA Respirator Regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators.
9. PHYSICAL AND CHEMICAL PROPERTIES	
Physical Form:	Paste
Color:	See product Information
Odor:	Odorless
Specific Gravity @ 25°C:	0.97
Viscosity:	Not determined.
Freezing/Melting Point:	Not determined
Boiling Point:	Not determined.
Vapor Pressure @ 25°C:	Not determined.
Vapor Density:	Not determined.
Solubility in Water:	Not determined.
pH:	Not determined.
Volatile Content:	Not determined.
Note: The above information is not intended for use in preparing product specifications.	
10. STABILITY AND REACTIVITY	
Chemical Stability:	Stable.
Hazardous Polymerization	will not occur.
Conditions to Avoid:	None.
Materials to Avoid:	Oxidizing material can cause a reaction. Water, moisture, or humid air can cause hazardous vapors to form as described in Section 8.
11. TOXICOLOGICAL INFORMATION	

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<p style="text-align: center;">Special Hazard Information on Components</p> <p>No known applicable information.</p>
<p>12. EFFECTS ON THE ENVIRONMENT</p> <p>Environmental Fate and Distribution Solid material, insoluble in water. No adverse effects are predicted.</p> <p>Environmental Effects No adverse effects on aquatic organisms are predicated. Bioaccumulation: No bioaccumulation potential.</p> <p>Fate and Effects in Waste Water Treatment Plants No adverse effects on bacteria are predicted. This table is adapted from "Environmental Toxicology and Risk Assessment", ASTM STP 1179, p.34, 1993. This table can be used to classify the ecotoxicity of this product when ecotoxicity data is listed above. Please read the other information presented</p>
<p>13. DISPOSAL CONSIDERATIONS</p> <p>RCRA Hazard Class (40 CFR 261) When a decision is made to discard this material, as received, is it classified as a hazardous waste? No State or local laws may impose additional regulatory requirements regarding disposal.</p>
<p>14. TRANSPORT INFORMATION</p> <p>Declaration for land shipment (ADR/RID): Without restrictions.</p> <p>Declaration for sea shipment (IMDG): Without restrictions.</p> <p>Declaration for shipment by air (ICAO-TI/IATA-DGR) Without restrictions.</p> <p>Keep separated from foodstuffs</p>
<p>15. REGULATORY INFORMATION</p> <p>No labeling is required in present situation.</p>
<p>16. Other information</p> <p>This data complete the technical datasheet for use, but it doesn't replace it. The data given here is based on current knowledge and experience. The purpose of this safety data sheet is to describe the products in terms of their safety requirements.</p> <p>The data does not signify any warranty with regard to the products' properties</p>