

SAFETY DATA SHEET

NEUTRAL SILICONE SEALANT



SECTION 1. PRODUCT INFORMATION

Product Name: NEUTRAL SILICONE SEALANT

Product Class: SILICONE SEALANT

Healthy Rating: 2

Flammability rating: 1

Reactivity Rating: 1

Fire: 1

PPE: B

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

2.1 Chemical characterization: Mixture

2.2 Physical Form: Paste

2.3 Color: Transparent, White, Black, Grey

2.4 Use: Sealant and Adhesive Use

2.5 Hazardous Ingredients:

Chemical Name	CAS No.	%(w/w)	Symbols & Health Risk Phrases
Methyltriacetoxysilan	1185-55-3	<10	venomous Mordant "Harm if swallowed"

SECTION 3. HAZARDS IDENTIFICATION

3.1 Overall Hazard Not hazardous

3.2 Hazard Information: Not hazardous

Avoid contact with skin and eyes,

In case of fire and or explosion do not breathe fumes.

Use only in well-ventilated areas."

3.3 Route of Exposure: Skin Contact and Accidental Ingestion.

3.4 Possible Health Effects:

Acute

Eyes: Direct contact may cause mild irritation.

Skin: No significant irritation expected from a single short-term exposure.

Inhalation: Irritates respiratory passages very slightly. Vapor overexposure may cause drowsiness.

Ingestion: Low ingestion hazard in normal use.

Chronic:

Skin: Repeated or prolonged exposure may cause irritation. Repeated skin contact may cause allergic skin reaction.

Inhalation: No known applicable information.

Ingestion: Repeated ingestion or swallowing large amounts may injure internally.

3.5 Signs and symptoms of from Overexposure:

No significant adverse effects from a single exposure expected normal use.

SECTION 4. FIRST AID MEASURES

- 4.1 Eyes:** Immediately flush with water for 15 minutes.
- 4.2 Skin:** Remove from skin and immediately flush with water for 15 minutes. Get medical attention if irritation or ill effects develop or persist.
- 4.3 Inhalation:** Remove to fresh air. Get medical attention if ill effects persist.
- 4.4 Ingestion:** Get medical attention.
- 4.5 Comments:** Treat according to person's condition and specifics of exposure.
- 4.6 Note to physicians:** Treat symptomatically.

SECTION 5. FIRE FIGHTING MEASURES

- 5.1 Flammability:** Non-flammable.
- 5.2 Flash Point:** Non applicable.
- 5.3 Autoignition temperature:** Not determined.
- 5.4 Lower Flammability:** Not determined.
- 5.5 Upper Flammability Limit:** Not determined.
- 5.6 Hazardous Properties:** None.
- 5.7 Extinguishing Media:**
On large fires use dry chemical, foam or water spray.
On small fires use carbon dioxide (CO₂), dry chemical or water spray.
Water can be use to cool fire exposed containers.
- 5.8 Special Fire Fighting:**
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.
- 5.9 Hazardous Combustion:**
Carbon oxides and traces of incompletely burned carbon compounds. Silicone dioxide. Nitrogen oxides. Metal oxides. Quartz. Formaldehyde.
- 5.10 Unsuitable Extinguishing Media:**
None established.

SECTION 6 ACCIDENTAL RELEASE MEASURES

- 6.1 Personal Precautions:**
Avoid skin and eye contact. Avoid breathing vapor. Keep container closed. Do not take internally.
- 6.2 Environmental Precautions:**
Do not allow large quantities to enter drains or surface waters.
- 6.3 Methods for Cleaning up:**
- 6.3.1 Observe all personal protective equipment recommendations described in this MSDS.
 - 6.3.2 If diked material can be pumped, store recovered material in appropriate container.
 - 6.3.3 Wipe up or scrape up and contain for salvage or disposal.
 - 6.3.4 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.

6.3.5 Dispose of saturated absorbent or cleaning materials appropriately, since spontaneous heating may occur.

6.3.6 Laws and regulations may apply to release and disposal of this material, as well as those materials and items employed in the cleanup of releases.

6.3.7 You will need to determine which laws and regulations are applicable.

SECTION 7. HANDLING AND STORAGE

Handling Precautions:

Use with adequate ventilation. Product evolves flammable methyl alcohol when exposed to water or humid air. Provide ventilation during use to control methyl alcohol exposure within exposure guidelines or use air-supplied or self-contained breathing apparatus. Traces of benzene (carcinogen) may form if heated in air above 300 degrees F (149 degrees C). Provide ventilation to control vapor exposure within inhalation guidelines when handling at elevated temperatures. Avoid skin and eye contact. Avoid breathing vapor. Keep container closed. Do not take internally. Remove contaminated clothing immediately. Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.

Storage Conditions:

Use reasonable care and store away from oxidizing materials. Keep container closed and store away from water or moisture.

SECTION 8. PERSONAL PROTECTION

8.1 Engineering Controls:

Local Ventilation: Recommended

General Ventilation: Recommended

8.2 Personal Protective Equipment for Routine Handling:

Respiratory protection:

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: Organic Vapor Type.

Eye protection: Use proper protection-safety glasses as a minimum.

8.3 General Protection:

Hand protection:

Chemical protective gloves should be worn

Skin protection:

Wash at midtime and end of shift. If skin contact occurs, change contaminated clothing as soon as possible and thoroughly flush affected areas with cool water.

Chemical protective gloves are recommended.

Hygiene measures:

Remove contaminated clothing immediately. Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.

Respiratory protection:

Use self-contained breathing apparatus (SCBA) or other supplied-air respirator

Eye protection:

Use full face respirator

Skin protection:

Wash at menltime and end of shift. If skin contact occurs, change contaminated clothing as soon as possible and thoroughly flush affected areas with cool water.

Chemical protective gloves are recommended.

Precautionary Measures:

Avoid skin and eye contact. Avoid breathing vapor. Keep container closed. Do not take internally. Use reasonable care.

SECTION 9. PHISICAL AND CHEMICAL PROPERTIES

9.1 Physical Form:	Paste
9.2 Color:	Transparent, White, Black, Grey
9.3 Odor:	No odor
9.4 pH:	7.5~8.0
9.5 Solubility in Water:	Not determined
9.6 Boiling Point:	Not determined
9.7 Melting Point:	Not determined
9.8 Flash Point:	Not applicable
9.9 Autoignition temperature:	Not determined
9.10 Explosive properties:	No
9.11 Oxidizing properties:	No
9.12 Vapor Pressure:	Not determined
9.13 Specific Gravity:	Transparent:1.03±0.05 Other colors:1.35±0.05
9.14 Octanol/water partition coefficient:	Not determined
9.15 Vapor Density (air=1):	Not determined
9.16 Viscosity:	Not determined
9.17 Molecular Weight:	Not determined

SECTION 10. STABLITY AND REACTIVITY

10.1 Chemical Stability:	Stable.
10.2 Reactivity Hazardous Polymerization:	Hazardous polymerization will not occur.
Conditons 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.

SECTION 11.TOXICOLOGICAL INFORMATION

11.1 Possible Health Effects:	Refer to Section 3.4
11.2 Sensitizing Effects:	Not known
11.3 Mutagenic Effects:	Not known
11.4 Reproductive Effects:	Not known
11.5 Carcinogenic Effects:	Not known
11.6 Other Health Hazard Information :	Not known

The above listed potential effects of overexposure are based on actual data, the results of studies performed upon similar compositions , component data, and / or expert review of the products.

SETCION 12. ECOLOGICAL INFORMATION

12.1 Environmental Fate and Distribution:

Solid material, insoluble in water. No adverse effects are predicted.

12.2 Environmental Effects: No adverse effects on aquatic organisms are predicted.

Bioaccumulations: No bioaccumulation potential .

12.3 Fate and Effects in Waste Water Treatent Plants:

No adverse effects on bacteria are predicted.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Product Disposal: Dispose of in accordance with local regulations.

13.2 Packaging Disposal: Dispose of in accordance with local regulations.

SECTION 14. TRANSPORTATION INFORMATION

DOT Road Shipment Information

Not subject to DOT.

Ocean Shipment (IMDG)

Not subject to IMDG code.

Air Shipment (IATA)

Not subject to IATA regulations.

*****End of MSDS*****

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