

Material Safety Data Sheet
ENERSIL Neutral – Silicone Sealant



1. PRODUCT DETAILS:

Product Name: ENERSIL Neutral – Silicone Sealant
Brand Name: ENERCON Silicone Sealant
Chemical Group: Silicone Sealant Neutral Cure
Color: White, Black, Grey
Usage: Sealant and Adhesive

Company Details:
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2. COMPOSITION AND INFORMATION ON HAZARDOUS INGREDIENTS:

Chemicals name	CAS Number	Concentration(Ranges)%
OH POLYMER	70131-67-8	30-32
SILICONE OIL	63148-62-9	9-12
SILICA	112945-52-5	4-6
METHYL TRIS-(METHYL ETHYL KETOXIME)SILANE	22984-54-9	5-7
CALCIUM CARBONATE	471-34-1	45-55
GAMMA AMINOPROPYL TRIETHOXYSILANE	919-30-2	1-1.5
DIBUTYL TIN DILAURATE	77-58-7	0.1-0.5

3. PHYSICAL AND CHEMICAL PROPERTIES:

Physical Form : Viscous Paste
Color : White, Black, Grey
Odor : Slight Odor

4. HAZARD IDENTIFICATION:

Overall Hazard Classification: Harmful
For Sea / Air Transportation: Non Haz
Precautionary Information: Avoid contact with eyes. Wear suitable protective clothing and gloves.
In case of fire and/or explosion do not breathe fumes. Use only in well-ventilated areas.

5. FIRST AID MEASURES:

Ingestion: Get medical attention.
Eye: Immediately flush with water for 15 minutes.
Skin: Remove from skin and immediately flush with water for 15 minutes. Get medical attention if

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irritation or ill effects develop or persist.

Inhalation: Remove to fresh air. Get medical attention if ill effects persist.

Comments: Treat according to person's condition and specifics of exposure

6. FIRE FIGHTING MEASURES:

Extinguishing Media: On large fires use dry chemical or foam. On small fires use CO₂ or dry chemical. Water can be used to cool fire exposed containers.

Unusual Fire Hazards: None.

Special Firefighting Procedures: Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool. Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals.

Hazardous Combustion Products: Carbon oxides and traces of incompletely burned carbon compounds, Silicon dioxide, Nitrogen oxides, Quartz, Formaldehyde.

7. ACCIDENTAL RELEASE MEASURE:

Personal Precautions: Avoid skin and eye contact. Avoid breathing vapor. Keep container closed. Do not take internally.

Environmental Precautions: Do not allow large quantities to enter drains or surface waters.

Methods for Cleaning up: Observe all personal protective equipment recommendations described in this MSDS. If diked material can be pumped, store recovered material in an appropriate container.

Wipe up or scrape up and contain for salvage or disposal. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbent or cleaning materials appropriately, since spontaneous heating may occur. 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 laws and regulations are applicable.

8. HANDLING AND STORAGE:

Handling Precautions: Use with adequate ventilation. Product evolves methyl ethyl ketoxime when exposed to water or humid air. Provide ventilation during use to control methyl ethyl ketoxime within exposure guidelines or use respiratory protection. Product evolves flammable methyl alcohol when exposed to water or humid air. Provide ventilation during use to control methyl alcohol exposures within exposure guidelines or use air-supplied or self-contained breathing apparatus.

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 and drinking.

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

9. PERSONAL PROTECTION/EXPOSURE CONTROL:

Engineering Controls

Local Ventilation: Recommended. General Ventilation: Recommended.

Personal Protective Equipment for Routine Handling:

Respiratory protection: Use respiratory protection unless adequate local exhaust ventilation is

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provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. IH personnel can assist in judging the adequacy of existing engineering controls.

Suitable Respirator: Organic Vapor Type.

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

Hand: Butyl Rubber, Natural Rubber, Neoprene Rubber(R), Nitrile Rubber.

Skin: Wash at mealtime 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.

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

Personal Protective Equipment for Spills:

Respiratory protection: Use self-contained breathing apparatus or other supplied-air respirator.

Eye protection: Use full face respirator.

Skin protection: Wash at mealtime 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.

10. TOXICOLOGICAL INFORMATION:

Possible Health Effects

Acute

Skin: May cause moderate irritation.

Eye: Direct contact may cause mild irritation.

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

Ingestion: Low ingestion hazard in normal use. Overexposure by ingestion may cause drowsiness, dizziness, confusion or loss of coordination.

Chronic

Skin: Repeated skin contact may cause allergic skin reaction. Repeated or prolonged contact may cause defatting and drying of skin which may result in skin irritation and dermatitis.

Inhalation: Overexposure by inhalation may injure the following organ(s): Blood. Liver. Ingestion: Repeated ingestion or swallowing large amounts may injure internally.

11. STABILITY AND REACTIVITY:

Stability: Stable

Reactivity Conditions to Avoid: None

Materials to Avoid: Can react with strong oxidizing agents. Water, moisture or humid air can cause hazardous vapors to form.

Hazardous Decomposition Products: Carbon oxides and traces of incompletely burned carbon compounds, Metal oxides, Silicon dioxide, Formaldehyde, Nitrogen oxides, Quartz.

Hazardous Polymerization: Hazardous polymerization will not occur

12. ECOLOGICAL INFORMATION:

Environmental Fate and Distribution: Solid material, insoluble in water. No adverse effects are predicted.

Ecotoxicity: No adverse effects on aquatic organisms are predicted.

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Bioaccumulation: No bioaccumulation potential.

Fate and Effects in Waste Water Treatment Plants: No adverse effects on bacteria are predicted.

13. DISPOSAL CONSIDERATIONS:

Product Disposal: Dispose of in accordance with local regulations

Packaging Disposal: Dispose of in accordance with local regulations

14. TRANSPORT INFORMATION:

Road and Rail Transport: Not Classified as a dangerous goods under transport regulation

Sea transport (IMDG): Not Classified as a dangerous goods under transport regulation

Air Transport (IATA): Not Classified as a dangerous goods under transport regulation

15. REGULATORY INFORMATION:

NFPA Hazard Signals Health

Flammability 1 Instability 0 Special

Chemical Inventories

AICS: All ingredients listed or exempt. IECSC: All ingredients listed or exempt

KECL: All ingredients listed, exempt or notified

PICCS: All ingredients listed or exempt.

HSNO: All ingredients listed or exempt. ENCS/ISHL: Not determined.

TSCA : Not determined.

EINECS: Not determined.

DSL: Not determined.

16. OTHER INFORMATION:

This information is offered in good faith as typical values and not as a product specification.

No warranty, expressed or implied, is hereby made. Please contact for further and up to date details.

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