

**Safety Data Sheet**  
**EnerFlex Siliconized – SA 200**



**1. PRODUCT DETAILS:**

Product Name: EnerFlex Siliconized – SA 200  
Product Description : White Liquid  
Product Use : Roof Reflective & Waterproof Coating

Company Details:  
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**2. HAZARD IDENTIFICATION:**

**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.

**Classification (substance or mixture):**

1A Category – Carcinogenicity  
2B Category - Possible carcinogenicity (Titanium Dioxide)

**GHS Label Elements:**



**Signal Word:** Danger

**Hazard Statements:**

H350 May cause cancer.  
H373 May cause damage to organs through prolonged or repeated exposure.

**Precautionary Statement:**

P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P103 Read label before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P233 Keep container tightly closed.  
P281 Use personal protective equipment as required.

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**3. PHYSICAL AND CHEMICAL PROPERTIES:**

Physical Form : Liquid  
Color : White  
Odor : Some odor.  
Specific Gravity : 1.39±0.05

**4. COMPOSITION AND INFORMATION ON HAZARDOUS INGREDIENTS:**

Chemicals name	%(w/w)	CAS Number
ACRYLIC POLYMER	35-45	NA
HYDROXYETHYLCELLULOSE	0.1-0.5	9004-62-0
PROPYLENE GLYCOL	0.25-1	57-55-6
WATER	10-20	7732-18-5
TITANIUM DIOXIDE	15-25	13463-67-7
LIMESTONE	25-35	1317-65-3
CHLOROTHALONIL	0.25-1	1897-45-6

LD50 Species & Route: Unavailable

**5. FIRST AID MEASURES:**

Ingestion: Get medical attention.

Eye: Immediately flush with water for 5 minutes. Obtain medical attention.

Skin: Remove from skin and immediately flush with water for 15 minutes.

Get medical attention if irritation or ill effects develop or persist.

Inhalation: Remove 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: Product will not burn but may spatter if temp exceeds boiling point of water. Dried solids can burn, giving off oxides of carbon.

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.

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**7. ACCIDENTAL RELEASE MEASURE:**

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

Methods for Cleaning up: Observe all personal protective equipment recommendations described in this MSDS. 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. Provide ventilation during use or use respiratory protection. 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: None should be needed. General Ventilation: Recommended

Personal Protective Equipment for Routine Handling:-

Suitable Respirator: None should be needed.

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

Skin: Wash at mealtime and end of shift.

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: None should be needed.

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.

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

**10. TOXICOLOGICAL INFORMATION:**

No known applicable information.

**11. STABILITY AND REACTIVITY:**

Stability: Stable.

Hazardous polymerization: Hazardous polymerization will not occur.

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Reactivity Conditions to Avoid: None

Materials to Avoid: Can react with strong oxidizing agents.

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

**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.

Bioaccumulation: This product is a solid which is not soluble in water and if ingested will not be absorbed.

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 applicable.

Sea transport (IMDG): Not subject to IMDG code.

Air Transport (IATA): Not subject to IATA regulations.

**15. REGULATORY INFORMATION:**

NFPA Hazard Signals Health 2 Flammability 1 Instability 0 Special -

Contents of this MSDS comply with the OSHA Hazard communication standard 29 CFR 1910.1200.

TSCA Status: All chemicals substances in this material are included on or exempted from the listing on the TSCA inventory of chemical substances.

**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 ENERCON for further and up to date details.

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