

**Safety Data Sheet**  
**SYNTHO-SHORE 127G**

**I. Product and Company Identification**

**Product Name:** SYNTHO-SHORE 127G  
**Supplier:** NRI 3875 Fiscal Court, Ste #100 Riviera Beach, FL 33404 (561) 683-6992  
**Emergency Phone Number:** 800-535-5053  
**Product Description:** Intended for concrete repairs and restoration  
**Product Use:** Repairs  
**Chemical Name or Synonym:** N/A

**II. Hazards Identification**

**Classification of the substance or mixture**

Skin corrosion/irritation – Category 2

Eye damage/eye irritation – Category 2B



GHS07

**Hazard Statements:**

H315 Causes skin irritation.

H320 Causes eye irritation.

**Signal Word:** Warning

**Precautionary Statement:**

P280 Wear protective gloves

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P264 Wash hands thoroughly after handling

P261 Avoid breathing dust.

P270 Do not eat, drink or smoke when using this product.

**III. Composition/ Information on Ingredients**

Component	CAS#	%Composition
Reaction product of a polyether with hexamethylene diisocyanate (HDI)	N/A	Proprietary
Fibrous Glass (E-glass continuous filament)	65997-17-3	>57
Organic surface binder/sizing	N/A	<3

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**IV. First Aid Measures**

**First Aid Measures for Accidental:**

**Inhalation:** If inhaled remove to fresh air. If symptomatic, contact poison control center, emergency room or physician for treatment information.

**Ingestion:** If swallowed do not induce vomiting. Rinse mouth with water. Obtain medical attention.

**Eye contact:** In case of contact, rinse thoroughly with plenty of water, also under the eyelids for at least 15 minutes. Get medical attention immediately if irritation develops and persists.

**Skin contact:** Remove contaminated clothing and shoes. Wash affected skin with soap and plenty of water for at least 15 minutes. Do not reuse contaminated clothing until cleaned. If any symptoms persist, get medical attention.

**Most important symptoms/effects, acute and delayed:**

**Eye contact:** Temporary irritation (itching) or redness may occur.

**Skin contact:** Temporary irritation (itching) or redness may occur.

**Inhalation:** Irritation of the upper respiratory tract (scratchy throat), coughing, and congestion may occur in extreme exposures.

**Ingestion:** This product is not intended to be ingested (eaten). If ingested, it may cause temporary irritation to the gastrointestinal (digestive) tract.

**Overexposure Effects:** No information available.

**Notes to Physician:** No information available.

**Chronic effects:** No information available.

**V. Fire Fighting Measures**

**Extinguishing Media:** For suitable extinguishing media, use Alcohol-resistant foam (on small fires), carbon dioxide, dry chemical, water spray. For unsuitable extinguishing media, use water spray jet.

**Special Fire Fighting Procedures:** Burning produces irritant fumes. Exposure to decomposition products may be a hazard to health. Thus, use full protective equipment.

**Special Protective Equipment for Fire-fighters:** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Full protective flameproof clothing.

**Unusual Fire and Explosion Hazards:** No information available.

**Hazardous Decomposition Materials (Under Fire Conditions):** Carbon oxides, nitrogen oxides, Other hazardous decomposition products may be formed.

**VI. Accidental Release Measures**

**Personal Precautions, Protective Equipment and Emergency Procedures:** Do not touch or walk through spilled material. Provide adequate ventilation. Wear respirator and personal protective equipment as appropriate to prevent skin and eye contact. If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials.

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**Cleanup and Disposal of Spill:** Material should not be released into the environment. Prevent product from entering drains. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13). Large spills should be collected mechanically (remove by pumping) for disposal. Dam up.

### VII. Handling and Storage

**Precautions for safe handling:** Put on appropriate personal protective equipment (see Section 8). Handle in accordance with good industrial hygiene and safety practice. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Purge containers with dry nitrogen before resealing. Do not use spot heating devices such as band heaters or torches. Make sure contents are completely liquid and uniform before using.

**Conditions for safe storage including any incompatibilities:** Keep in a dry and cool place away from incompatible materials (see Section 10). Avoid contact with moisture and prolonged exposure to temperatures above 140°F (60°C). Keep container tightly closed and sealed until ready for use. Do not store in unlabeled containers.

### VIII. Exposure Controls / Personal Protection

#### Exposure Guidelines:

Component	Exposure limits		
	ACGIH	NIOSH	OSHA-PELs
Glass fiber	5 mg/m <sup>3</sup> (Inhalable) (TWA) 1 fiber/cm <sup>3</sup> (respirable) TWA	ND	5 mg/m <sup>3</sup> (respirable) 15 mg/m <sup>3</sup> (total dust)

**Engineering Control:** No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

#### Personal Protective Equipment:

**Respiratory Protection:** When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

**Eye / Face Protection:** Wear appropriate safety glasses with side shields.

**Skin Protection:** Permeation resistant impervious gloves. Cover as much of the exposed area as possible with protective clothing.

### IX. Physical and Chemical Properties

**Physical Appearance:** Glass fiber cloth impregnated with viscous resin (white)  
**Odor:** Slight

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**pH:** ND  
**Flash Point:** >100° C  
**Melting Point Range:** >800° C (Glass fiber)  
**Boiling point:** ND  
**Evaporation rate (ether=1):** ND  
**Flammability Limits (vol/vol%):** Lower: ND Upper: ND  
**Specific Gravity:** 2.4 to 2.7 (Glass)  
**Viscosity:** N/A  
**Water Solubility:** Insoluble  
**Vapor Pressure:** ND  
**Vapor density (Air=1)** ND  
**Relative Density:** ND  
**Partition coefficient (n-octanol/water):** ND.  
**Auto-ignition Temperature:** ND  
**Volatile Organic Content:** 0%

**X. Stability and Reactivity**

**Reactivity:** No dangerous reaction known under conditions of normal use.

**Hazardous Polymerization:** Will not occur.

**Chemical Stability:** Stable under normal conditions.

**Possibility of Hazardous reactions:** Reactions with strong oxydizers may occur.

**Conditions to Avoid:** Exposure to moisture. Extremes of temperatures and direct sunlight.

**Incompatible Materials / Chemicals:** Alcohols, strong oxidizers.

**Hazardous Decomposition Products:** Carbon oxides, nitrogen oxides. Other hazardous decomposition products may be formed.

**XI. Toxicological Information**

**Toxicological effects:** Not classified due to lack of data

**Information on the likely routes of exposure:** Not classified due to lack of data

**Potential Acute Health Effects**

**Acute Dermal Toxicity:** Not classified due to lack of data

**Acute Respiratory Irritation:** Not classified due to lack of data

**Acute Ingestion Toxicity:** Not classified due to lack of data

**Acute Inhalation Toxicity:** Not classified due to lack of data

**Acute Oral Toxicity:** Not classified due to lack of data

**Symptoms:** Not classified due to lack of data

**Chronic Health Effects:** Not classified due to lack of data

**Carcinogenicity:**

Component	ACGIH	IARC	NTP	OSHA
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Synthetic vitreous fibers	A4	3	-	-
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**Delayed and immediate effects and also chronic effects from short and long term exposure:**

Short term exposure: No specific data.

Long term exposure: No specific data

**XII. Ecological Information**

**Ecotoxicity:** No determined

**Persistence and degradability:** No determined

**Bioaccumulative potential:** This substance is not considered to be persistent, bioaccumulating nor toxic (PBT).

**Mobility in soil:** No determined

**Other adverse effects:** No determined

**XIII. Disposal Considerations**

**Waste treatment methods:** Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Should not be released into the environment. Prevent product from entering drains. Dispose of as solid waste in accordance with local, state, and federal regulations.

**Uncleaned packaging:** Do not re-use empty containers for food, clothing, or products for human or animal consumption, or where skin contact can occur. Dispose of container and unused contents in accordance with federal, state, and local regulations.

**XIV. Transport Information**

**ADR:** Not dangerous goods

**IATA:** Not dangerous goods

**IMDG:** Not dangerous goods

**RID:** Not dangerous goods

**XV. Regulatory Information**

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

**Candidate List of Substances of Very High Concern for Authorization:** This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57).

**Major Accident Hazard:** 96/82/EC Update: 2003

**Legislation:** Directive 96/82/EC does not apply

**Notification status:**

US.TSCA: On TSCA Inventory

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DSL: This product contains the following components listed on the Canadian NDSL list. All other components are on the Canadian DSL list.

AICS: Not in compliance with the inventory

NZIoC: Not in compliance with the inventory

ENCS: On the inventory, or in compliance with the inventory

KECI: Not in compliance with the inventory

PICCS: Not in compliance with the inventory

IECSC: On the inventory, or in compliance with the inventory

**XVI. Other Information**

**Key Legend Information:**

N/A – Not Applicable

ND – Not Determined

OSHA – Occupational Safety and Health Administration

NIOSH – National Institute for Occupational Safety and Health

**The information contained herein is based on the data available to us and is believed to be accurate. The data is offered in good faith as typical values and not as product specification. The information in this data sheet was compiled from information supplied by the vendors of the components of this compound. NRI makes no warranty either expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. The recommended industrial hygiene and safe handling procedures are believed to be genuinely applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate. NRI assumes no responsibility for injury from the use of the product described herein. The information is intended only to assist in the safe handling of this material.**

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