

**Safety Data Sheet**  
**Syntho Shore Primer Part B**

**Section 1. Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Product name:** Syntho Shore Primer Part B

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Recommended use:** Intended to concrete application. Hardener for epoxy resin.

**Uses advised against:** No information available

**1.3. Details of the supplier of the safety data sheet**

**Supplier:** NRI  
3875 Fiscal Court Suite #100  
Riviera Beach, FL 33404. USA.  
1- 561 - 683 - 6992

**E-mail address:** No information available.

**1.4. Emergency telephone number**

**Emergency telephone number:** 1 800-535-5053

**Section 2. Hazards identification**

**2.1. Classification of the substance or mixture**

**2.1.1 Classification according to Regulation (EC) No 1272/2008 (CLP)**

Skin corrosion/irritation – Category 2

Skin sensitization - Category 1

Eye damage/ irritation – Category 1

Acute toxicity / oral – Category 4

Acute toxicity / dermal – Category 4

Hazardous to the aquatic environment – Short Term (Acute) Hazard – Category 2

**2.2 Label elements**

**Hazard pictograms:**



**Signal word:** Danger

**Hazard statements:**

H315 Causes skin irritation

H317 May cause an allergic skin reaction

H302 Harmful if swallowed

H312 Harmful in contact with skin

H318 Causes serious eye damage

H401 Toxic to aquatic life

**Precautionary statement:**

P264 Wash thoroughly after handling

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P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P261 Avoid breathing dust/fume/gas/mist/vapors/spray  
 P302+P352 IF ON SKIN: Wash with plenty water.  
 P333+P313 If skin irritation or rash occurs: Get medical advice  
 P301+P312 IF SWALLOWED: Call a Poison Center/doctor if you feel unwell.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing  
 P312 Call a POISON CENTER if you feel unwell.

### 2.3. Other information: N/A

### Section 3. Composition/ Information on Ingredients

3.1. Substances: Not Applicable

#### 3.2. Mixtures

Component	EC No	CAS #	Weight %	EU-GHS Substance Classification	REACH Number
Reaction products with polyethylenepolyamines	-	68410-23-1	75 – 90	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Skin Sens. 1 (H317) Aquatic Chronic 2 (H411)	Not data available
2,4,6-tri (dimethylaminomethyl)phenol	-	90-72-2	7 – 15	Acute Tox. 4 (H302) Acute Tox. 4 (H312) Skin Irrit. 2 (H315) Eye Irrit. 2 (H319)	Not data available
3-(trimethoxysilyl) propylamine	-	13822-56-5	3 – 6	Skin Irrit. 2 (H315) Eye Dam. 1 (H318)	Not data available
Calcium metasilicate	-	13983-17-0	1.5 – 4	Eye Irrit. 2 (H319)	Not data available

Note: The rest of the ingredients are not shown to protect confidentiality of the product. They are not a hazardous substance or mixture according to US' GHS Regulation.

### Section 4. First Aid Measures

#### 4.1. Description of first-aid measures

##### First aid measures for accidental

**General advice:** If symptoms persist, call a physician. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing.

**Inhalation** Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.

**Skin contact:** In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention immediately.

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**Eye contact:** Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

**Ingestion:** Do not induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

**Protection of first-aiders:** Use personal protective equipment. Avoid contact with skin, eyes and clothing.

**4.2 Most important symptoms/effects, acute and delayed:** Skin/eye irritation. May cause an allergic skin irritation.

**4.3 Indication of immediate medical attention and special treatment needed:** Treat symptomatically.

### Section 5. Fire Fighting Measures

#### 5.1 Extinguishing media

**Suitable extinguishing media:** Carbon dioxide, foam, dry chemical, water fog, limestone powder. Use water spray to cool fire exposed containers..

**Unsuitable extinguishing media:** Do not use high volume water jet on the fire as this may spread the area of the fire.

#### 5.2 Special hazards arising from the substance or mixture

**Hazardous combustion products:** Exposure to decomposition products may be harmful to health; combustion products may include but are not limited to: carbon monoxide, carbon dioxide, nitrogen oxides, ammonia, nitric acid.

**5.3 Advice for firefighters:** Use personal protective equipment. Wear self contained breathing apparatus for firefighting if necessary with a full face-piece operated in positive pressure mode to protect against potential harmful and/or irritating fumes. Use water to keep fire exposed containers cool.

### Section 6. Accidental Release Measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

##### 6.1.1 For non-emergency personnel

**Protective equipment:** Use personal protective equipment (See Section 8) to prevent any contamination of skin, eyes and personal clothing.

**Emergency procedures:** Remove ignition sources. Provide sufficient ventilation, control dust. Evacuate personnel to safe areas.

**6.1.2 For emergency responders:** Use appropriate personal protective clothing. Use gloves and safety glasses.

**6.2 Environmental precautions:** Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Avoid release to the environment.

#### 6.3. Methods and materials for containment and cleaning up

**6.3.1 For containment:** Cover drains. Prevent contamination of soil and water.

**6.3.2 For cleaning up:** Halt the flow of material as soon as practical using barriers. Turn containers leak-side up to stop the escape of liquid. Prevent from spreading or entering drains, ditches, waterways by using sand, earth or appropriate barriers. Dispose of in accordance with applicable local and federal environmental control regulations.

**6.3.3 Other Information:** Clear spills immediately.

**6.4 Reference to other sections:** See Section 13 for additional information. Dispose of in accordance with applicable local and federal environmental control regulations. See Section 8 for protective equipment.

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### Section 7. Handling and Storage

#### 7.1 Precautions for safe handling

**Handling:** Handle in accordance with good industrial hygiene and safety practice. Do not breathe vapors or spray mist. Use only in area provided with appropriate exhaust ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid contact with skin, eyes and clothing. Wear personal protective equipment. Do not take internally.

**Hygiene measures:** When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use. Provide regular cleaning of equipment, work area and clothing. Wash thoroughly after handling.

**7.2 Conditions for safe storage including any incompatibilities:** Store in a cool, dry place with adequate ventilation. Keep in original containers. Store in tightly closed containers to prevent moisture absorption and loss of volatiles. Store away from heat and open flame.

#### 7.3 Specific end use(s)

**Exposure scenario:** No information available.

**Other guidelines:** No information available

### Section 8. Exposure Controls / Personal Protection

#### 8.1 Control parameters

**Exposure limits:**

Component	Exposure Limits		
	ACGIH-TLV	NIOSH	OSHA-PELs
Calcium metasilicate	10 mg/m <sup>3</sup> (TWA) (inhalable) 3 mg/m <sup>3</sup> (Respirable)	-	15 mg/m <sup>3</sup> (inhalable) 5 mg/m <sup>3</sup> (Respirable)

**Derived no effect level:** No information available.

**Predicted No Effect Concentration (PNEC):** No information available.

#### 8.2 Exposure controls

**8.2.1 Appropriate engineering controls:** Ensure adequate ventilation, especially in confined areas.

##### 8.2.2 Personal protective equipment

**8.2.2.1 Eye and face protection:** Safety glasses with side-shields. Risk of contact: Tightly fitting safety goggles.

**8.2.2.2 Skin protection:** Wear liquid-proof, chemical resistant gloves (nitrile-butyl rubber, neoprene, butyl rubber or natural rubber) and full body-covering clothing.

**8.2.2.3 Respiratory protection:** In case of inadequate ventilation wear respiratory protection. Use respirators when exposure to vapors from heated material.

**8.3 Environmental exposure controls:** Do not allow material to contaminate ground water system.

### Section 9. Physical and Chemical Properties

#### 9.1 Information on basic physical and chemical properties

**Physical State:** Paste  
**Appearance:** Cream  
**Odour:** Amine like  
**Odour threshold:** No data available

<u>Property</u>	<u>Values</u>	<u>Remarks-Method</u>
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pH:	No data available	None known
Melting point range:	No data available	None known
Boiling point/boiling range:	No data available	None known
Flash Point:	No data available	None known
Evaporation rate:	No data available	None known
Flammability (solid, gas):	No data available	None known
Upper/lower flammability or explosive limits:	No data available	None known
Vapour pressure:	No data available	None known
Vapour density:	No data available	None known
Relative density:	1.0 at 75 °F	Density Cup Method
Solubilities:	No data available	None known
Partition coefficient (n-octanol/water):	No data available	None known
Auto-ignition temperature:	No data available	None known
Decomposition temperature:	No data available	None known
Viscosity:	10,300 cPs at 75 °F	Rheometer Method
Explosive properties:	No data available	None known
Oxidizing properties:	No data available	None known
<b><u>9.2 Other information</u></b>		
VOC Content (%):	No data available	None known

### Section 10. Stability and Reactivity

**10.1 Reactivity:** Stable

**10.2 Chemical stability:** Stable under normal conditions.

**10.3 Possibility of hazardous reactions:** Mixtures with strongly acidic or strongly alkaline materials may produce an exothermic reaction.

**10.4 Conditions to avoid:** : Avoid elevated temperatures and sources of ignition.

**10.5 Incompatible materials:** Keep uncured material away from strong acids, strong bases, oxidizing agents. Reacts with amines.

**10.6 Hazardous decomposition products:** Thermal decomposition will generate carbon monoxide, carbon dioxide and nitrogen oxides, ammonia, nitric acid.

### Section 11. Toxicological Information

**11.1 Information on toxicological effects:**

**Acute toxicity:**

Inhalation: Exposure to vapors from heated product may cause irritation or sensitization of the nose and throat.

Ingestion: May cause burns to the mouth, throat and stomach.

Skin contact: Cause moderate irritation. May cause an allergic skin reaction.

Eye contact: Causes moderate to severe irritation. Direct contact with the material or exposure to vapors or mists may cause stinging, tearing, redness, blurred vision.

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**Mutagenicity:** No information available.

**Carcinogenicity:** None ingredients classified as carcinogenic. No listed by OSHA, NTP, IARC

**Reproductive Toxicity:** No known significant effects or critical hazards.

**Teratogenicity:** No known significant effects or critical hazards.

**Specific Target Organ Toxicity - single exposure (STOT-se):** No data available

**Specific Target Organ Toxicity - repeated exposure (STOT-re):** No data available

**Symptoms related to the physical, chemical and toxicological characteristics:** Repeated or prolonged exposure may cause an allergic skin reaction; once sensitized, a severe allergic reaction may occur.

**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

**Numerical measures of toxicity:**

**Acute toxicity:**

Product	Endpoint	Species	Results	Exposure
Phenol-formaldehyde polymer, glycidyl ether	LD50 Oral	Rat	>2000 mg/kg	-
	LD50 Dermal	Rabbit	>2000 mg/kg	
2,4,6-tri(dimethylaminomethyl) phenol	LD50 Oral	Rat	1653 mg/kg	-
	LD50 Dermal	Rabbit	1280 mg/kg	

### Section 12. Ecological Information

**12.1 Toxicity:** Toxic to aquatic organisms.

**Data for components:**

Product	Endpoint	Species	Results
Reaction products with polyethylenepolyamines	Acute LC50 (96hr)	Golden Orfe	2.3 mg/L
	Acute EC50 (24hr)	Daphnia magna	31.1 mg/L
	Acute EC50 (72hr)	Aquatic plants	2.5 mg/L
2,4,6-tri(dimethylaminomethyl) phenol	Acute LC50 (96hr)	Brachydanio rerio	153mg/L
	Acute EC50 (96hr)	Palaemonetes	718mg/L

**12.2 Persistence and degradability:** Ingredients are no readily biodegradable.

**12.3 Bioaccumulative potential:** No information available.

**12.4 Mobility in soil:** No information available.

**12.5 Results of PBT and vPvB Assessment:** No information available.

**12.6 Other adverse effects:** No information available.

**12.7 Additional information:** No information available.

### Section 13. Disposal Considerations

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**13.1 Waste treatment methods:**

**13.1.1 Product / Packaging disposal:** Dispose of in accordance with local regulations. Empty containers should be taken to an approved waste handling site for recycling or disposal.

**Waste codes / waste designation according to LoW:** According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

**13.1.2 Waste treatment-relevant information:** Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

**13.1.3 Sewage disposal-relevant information:** This product should not be allowed to enter drains, water courses or the soil.

**13.1.4 Other disposal recommendations:** Dispose of waste and residues in accordance with local authority requirements.

**Section 14. Transport Information**

**DOT:**

Proper Shipping Name: Amines, liquid, corrosive n.o.s (2,4,6--tri(dimethylaminomethyl) phenol )

UN number: UN2735

Hazard Class: 8

Packing Group: PG III

ERG No 153

**IMDG:**

Proper Shipping Name: Amines, liquid, corrosive n.o.s (2,4,6--tri(dimethylaminomethyl) phenol )

UN number: UN2735

Hazard Class: 8

Packing Group: PG III

EmS No.: F-A, S-B

**IATA:**

Proper Shipping Name: Amines, liquid, corrosive n.o.s (2,4,6--tri(dimethylaminomethyl) phenol )

UN number: UN2735

Hazard Class: 8

Packing Group: PG III

EmS No.: F-A, S-B

**Section 15. Regulatory Information**

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

**SARA Title III Section 313 (40CFR372):** No reportable components

**OSHA/NTP/IARC Carcinogen status:** None ingredient listed.

**TSCA Status:** All components are listed on TSCA Inventory or otherwise comply with TSCA requirements.

**Section 16. Other Information**

**Key Legend Information:**

N/A – Not Applicable

ND – Not Determined



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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.

(R1) Revision date: 05.09.18