

# MATERIAL SAFETY DATA SHEET

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Product Name: **SEALXPERT® NS38 ANTI-SLIP FLOOR COATING**  
MSDS No: 182

Revision No: 0

Issued by: Yogesh  
Issue Date: 15 October 2015

## Section 1 – Company Details

**Company Name:** SealXpert Products

**Address:** 60 Kaki Bukit Place #09-11 Eunos Techpark  
Singapore 415979

**Tel:** +65 6742 4992/6742 4998

**Fax:** +65 6749 6916

**Email:** mailbox@sealxpert.com

## Section 2 – Composition

Ingredient	CAS NO.	Content (Wt%)
Quartz (SiO <sub>2</sub> )	14808-60-7	10 - 30
Aluminum oxide, fibrous	1344-28-1	10 - 30
Epoxy ester resin	Unknown	10 - 30
4-Chloro-.alpha.,.alpha.,.alpha.-trifluorotoluene	98-56-6	5 - 10
Wollastonite (Ca(SiO <sub>3</sub> ))	13983-17-0	1 - 5
Ethylbenzene	100-41-4	1 - 5
Titanium dioxide	13463-67-7	1 - 5
1-Methoxy -2-propanol	107-98-2	1 - 5

## Section 3 – Hazardous Identification

**WARNING:**  
FLAMMABLE LIQUID AND VAPOR.  
CAUSES SKIN IRRITATION.  
MAY CAUSE AN ALLERGIC SKIN REACTION.  
CAUSES SERIOUS EYE IRRITATION.

### Precautionary Statements

**Prevention:** Keep away from heat, sparks, open flames, hot surfaces - no smoking. Keep container tightly closed. No release into water. Use explosion-proof equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing vapors, mist, or spray. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, eye protection, and face protection.

**Response:** If on skin (or hair): Take off immediately all contaminated clothing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to remove. Continue rinsing. If skin irritation or rash occurs: Get medical attention. If eye irritation persists: Get medical attention. Take off contaminated clothing. In case of fire: Use foam, dry chemical or carbon dioxide to extinguish.

**Storage:** Store in a well-ventilated place. Keep cool.

**Disposal:** Dispose of contents and/or container according to federal, state/provincial and local governmental regulations.

## Section 4 – First Aid Measures

**Eye contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

**Skin contact:** Immediately flush skin with plenty of water (using soap, if available). Remove contaminated clothing and footwear. If symptoms develop and persist, get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.

**Inhalation:** Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If symptoms develop and persist, get medical attention.

**Ingestion:** Do Not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.

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## Section 5 – Fire Fighting Measures

Extinguishing media: Foam, dry chemical or carbon dioxide.  
Special firefighting procedures: Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.  
Unusual fire or explosion hazards: In case of fire, keep containers cool with water spray. Closed containers may rupture (due to build up of pressure) when exposed to extreme heat. Vapors are heavier than air and may travel to ignition sources and flash back.  
Hazardous combustion products: Oxides of carbon. Irritating vapors.

## Section 6 – Accidental Release Measures

Environmental precautions: Do not allow product to enter sewer or waterways.  
Clean-up methods: Ensure adequate ventilation. Wear appropriate personal protective equipment. Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Scrape up spilled material and place in a closed container for disposal.

## Section 7 – Handling and Storage

Handling: Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. During use and until all vapors are gone: Keep area ventilated - do not smoke; extinguish all flames, pilot lights, and heaters; turn off stoves, electrical tools and appliances, and any other sources of ignition. Keep container closed.  
Storage: Keep away from heat, spark and flame. Keep container tightly closed and in a cool, well-ventilated place away from incompatible materials. Use non-sparking tools when opening or closing containers. Do not reuse container.  
Hygiene practices: Wash thoroughly after handling.

## Section 8 – Exposure Controls / Personal Protection

Eye protection: Safety goggles or safety glasses with side shields. Full face protection should be used if the potential for splashing or spraying of product exists.  
Skin protection: Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact.  
Respiratory system protection: Use NIOSH approved respirator if there is potential to exceed exposure limit(s).  
Engineering controls: Use local ventilation if general ventilation is insufficient to maintain vapor concentration below established exposure limits.

## Section 9 – Physical and Chemical Characteristics

Physical state: Liquid  
Color: Gray  
Odor: mild  
Odor threshold: Not available.  
pH: Not available.  
Vapor pressure: Not available.  
Boiling point/range: Not available.  
Melting point/ range: Not available.  
Specific gravity: 1.74  
Vapor density: 3.7  
Flash point: 27.2 °C (80.96 °F) ; Estimated  
Flammable/Explosive limits - lower: Not available.  
Flammable/Explosive limits - upper: Not available.  
Autoignition temperature: Not available.  
Evaporation rate: Not available.  
Solubility in water: Slightly soluble  
Partition coefficient (n-octanol/water): Not available.  
VOC content: 250 g/l (calculated)  
Viscosity: Not available.  
Decomposition temperature: Not available.

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## Section 10 – Stability and Reactivity

Stability:	Stable under normal conditions of storage and use.
Hazardous reactions:	None under normal processing.
Hazardous decomposition products:	Oxides of carbon. Irritating vapors.
Incompatible materials:	Oxidizing agents. Alkalis. Acids.
Reactivity:	Not available.
Conditions to avoid:	Keep away from heat, ignition sources and incompatible materials.

## Section 11 – Toxicological Information

Relevant routes of exposure: Skin, Inhalation, Eyes

Potential Health Effects/Symptoms

Inhalation:	Inhalation of vapors or mists of the product may be irritating to the respiratory system.
Skin contact:	Causes skin irritation. May cause allergic skin reaction.
Eye contact:	Causes serious eye irritation.
Ingestion:	Not expected under normal conditions of use.

## Section 12 – Ecological Information

Environmental effect and distribution:	Data not available.
Environmental influence:	Data not available.
Biology accumulation:	Data not available.

## Section 13 – Disposal Considerations

Special instructions: Observe all federal, state and local laws and regulations.

## Section 14 – Transportation Information

Transportation:	Not classified as Dangerous Goods according to Singapore Code for Transport of Dangerous Goods by Road, Rail and Air.
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## Section 15 – Regulatory Information

Observe the governmental or local regulations to use the product safely.

## Section 16 – Other Information

Discard contaminated clothing immediately. Maintain clean equipment and work areas. Avoid inhalation of fumes. Wipe up spills immediately.

### Warning to users:

This data sheet completes the technical notices but does not supersede them. The information contained in it is grounded to the statement of our knowledge of the product concerned at the publishing date.

Moreover, user's attention should be drawn on the possible risks incurred when a product is used for other purposes than those for which it has been designed. It does not stop in any case the user knowing and following the whole regulatory texts related to his activity. He will be the sole responsible of the precautions related to the use of the products he knows.

The aim of the whole regulatory prescriptions mentioned is to help the receiver to fulfill his duties when using the product. This list must not be considered as exhaustive. It does not stop the user from making sure that he complies with the written obligations other than those previously cited and which rule the fact of keeping and using the product for which he is the sole responsible person.