

MATERIAL SAFETY DATA SHEET

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Product Name: **SealXpert™ Thread Sealing String**
MSDS No: 160

Revision No: 1

Issued by: Yogesh
Issue Date: 2 December 2013

Section 1 – Company Details

Company Name: SealXpert™ Products

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Email: mailbox@sealxpert.com

Section 2 – Composition

Ingredients:	CAS Number	% by weight
Calcium carbonate	1317-65-3	5-10
Polyamide 6,6	32131-17-2	80-90
Poly(dimethylsiloxane), hydroxy terminated	70131-67-8	5-10
Hydrated magnesium silicate	18972-56-0	0.1-0.5

Section 3 – Hazards Identification

Inhalation: May cause respiratory tract irritation. Coughing. When heated to temperatures exceeding 300° F (150°C) in the presence of air, silicones may form formaldehyde vapors. Formaldehyde is a potential cancer hazard and a known skin and respiratory sensitizer. Vapors irritate the eyes, nose and throat. Safe handling conditions may be maintained by keeping formaldehyde vapor concentrations below the OSHA permissible limit.

Skin Contact: May cause skin irritation. Redness.

Eye Irritation: May cause irritation. Redness. Tearing.

Ingestion: Not expected to be harmful by ingestion.

Section 4 – First Aid Measures

Inhalation: Remove to fresh air. If symptoms develop and persist, get medical attention.

Skin contact: Wash with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if symptoms occur.

Eye contact: Flush with copious amounts of water, preferably, lukewarm water for at least 15 minutes, holding eyelids open all the time. Get medical attention.

Ingestion: Do not induce vomiting. Keep individual calm. Obtain medical attention.

Section 5 – Fire Fighting Measures

Flash point: Greater than 93°C (200°F) Closed cup

Autoignition temperature: Not applicable

Flammable/Explosive limits-lower %: Not applicable

Flammable/Explosive limits-upper %: Not applicable

Extinguishing media: Foam, dry chemical or carbon dioxide.

Special fire fighting procedures: Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

Unusual fire or explosion hazards: None

Hazardous combustion products: Carbon Oxides. Silicon Oxides. Carbonyl fluoride. Hydrogen fluoride. Formaldehyde. Irritating organic vapors.

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Section 6 – Accidental Release Measures

Soak up with inert absorbent. Store in a partly filled, closed container until disposal.

Section 7 – Handling and Storage

Handling: Avoid contact with eyes, skin and clothing. Avoid breathing vapor and mist. Wash thoroughly after handling. Use only with adequate ventilation.

Storage: For safe storage, store between 5°C (41°F) and 30°C (86°F). Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.

Section 8 – Exposure Controls / Personal Protection

Eye/face protection: Wear safety glasses or goggles

Skin Protection: Use impermeable gloves and protective clothing as necessary to prevent skin contact. Polyvinyl chloride gloves. Nitrile gloves.

Section 9 – Physical and Chemical Characteristics

Physical state:	Paste
Color:	Off-white Opaque
Odor:	Slight, Acrylic
Vapor pressure:	Less than 0 mm Hg at 20°C (68°F)
pH:	Not applicable
Boiling point/range:	150°C (302°F)
Melting point/range:	Not available
Specific gravity:	1.25
Vapor density:	<1 (air equals 1)
Evaporation rate:	Not available
Solubility in water:	Partly soluble
Partition coefficient (n-octanol/water):	Not available
VOC content:	1%; 12.75 grams/liter

Section 10 – Stability and Reactivity

Stability:	Stable
Hazardous polymerization:	Will not occur
Hazardous decomposition products:	Oxides of carbon. Irritating organic vapors
Incompatibility:	Oxidizing agents. Fluorine. Ammonium salts. Heat, sunlight, UV light, contamination or an oxygen free atmosphere
Conditions to avoid:	See "Handling and Storage" (Section 7) and "Incompatibility" (Section 10)

Section 11 – Toxicological Information

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Calcium carbonate	NO	NO	NO
Polyamide 6,6	NO	NO	NO
Poly(dimethylsiloxane), hydroxy terminated	NO	NO	NO
Hydrated magnesium silicate	NO	NO	NO

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Section 12 – Ecological Information

Not applicable to this product

Section 13 – Disposal Considerations

Disposal : Consult federal, state and local regulations to determine appropriate disposal options

Section 14 – Transport Information

Transportation: Not classified as Dangerous Goods and can be transported by Road, Rail and Air.
The item is not restricted or not regulated as per IATA

Section 15 – Regulatory Information

Not applicable to this product

Section 16 – Other Information

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 product specification. The information in this data sheet was compiled from the information supplied by the vendors of the components of this compound.

This company 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 in the specific context of the intended use and determine whether they are appropriate. This company assumes no responsibility for injury from the use of the product described herein. This information is intended only to assist in the safe handling of this material.