

Safety Data Sheet (SDS) OSHA Haz Com Standard 29 CFR 1910.1200.

Revision Date: 03/18/2019

Version: 2.0

Replaces Version: 1.0

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

| Product Name: | 4100SL | Product Code: | SL2, SL4, SL5, SL6 |
|------------------|---------------------|---------------|--------------------------------------|
| Product Type: | Endothermic Sealant | Use: | Firestopping Sealant - Self-Leveling |
| Chemical Family: | Organic/Inorganic | | |
| | | | |

Company Address: Passive Fire Protection Partners 1412 Derwent Way Delta, BC V3M 6H9 Canada Contact Information: Telephone: 800.810.1788 MEDICAL EMERGENCY Phone: Poison Control Center 1-877-671-4608 (toll free) or 1-303-592-1711 TRANSPORT EMERGENCY Phone: CHEMTREC 1-800-424-9300 (toll free) or 1-703-527-3887 Internet: www.firestop.com

SECTION 2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION

| Physical Hazards: | None |
|--|----------------|
| Oral: | Not Classified |
| Dermal: | Not Classified |
| Inhalation: | Not Classified |
| Skin Corrosion / Irritation: | Not Classified |
| Serious Eye Damage / Eye Irritation: | Not Classified |
| Respiratory or Skin Sensitization: | Not Classified |
| Germ Cell Mutagenicity: | Not Classified |
| Carcinogenic: | Not Classified |
| Reproductive Toxicology: | Not Classified |
| Target Organ System Toxicity - Single Exposure: | Not Classified |
| Target Organ System Toxicity - Repeated Exposure: | Not Classified |
| Aspiration Toxicity: | Not Classified |

ENVIRONMENTAL HAZARDS

| Hazards to the Aquatic Enviroment: | Not Classified |
|------------------------------------|----------------|
| Acute Aquatic Toxicity: | Not Classified |
| Chronic Aquatic Toxicity: | Not Classified |
| Bioaccumulation Potential: | Not Classified |
| Rapid Degradability: | Not Classified |

GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS:

Hazard Symbols:





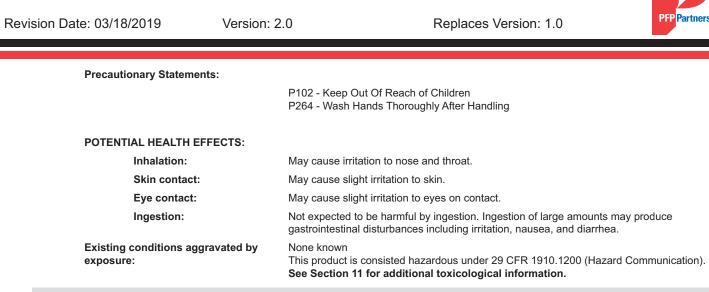
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SECTION 3. COMPOSITION /INFORMATION ON INGREDIENTS

| Hazardous Components | CAS NUMBER | Weight %* Content |
|---|----------------|-------------------|
| Limestone | 1317-65-3 | 35 - 45 |
| Vinyl Acrylic Polymer | Proprietary 18 | 20 - 30 |
| Dipropylene Glycol Dibenzoate | 27138-31-4 | 5 - 10 |
| Texanol | 25265-77-4 | 0.5 - 1.5 |
| Vinyl Acetate | 108-05-4 | 0.1 - 0.3 |
| Note: The product may have different colours (rust red, grey, white, yellow or blue). Titanium Dioxide (CAS no. 13463-67-7) is ingredient | | |

only used in grey and white colour products

* Exact percentage is a trade secret. Concentration range is provided to assist users in providing appropriate protection.

SECTION 4. FIRST AID MEASURES

| h | nhalation: | Move person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen by trained personnel. If a problem develops or persists, seek medical attention. |
|---|---------------------------|---|
| S | skin contact: | Wash affected area immediately with mild soap and warm water. Remove contaminated clothing and wash before reuse. If a problem develops or persists, seek medical attention. |
| E | eye contact: | Immediately flush eyes with plenty of water. Remove contact lenses. Flush with water for at least 15 minutes. Hold eyelids apart to rinse properly. If a problem develops or persist, seek medical attention. |
| h | ngestion: | Do Not induce vomiting, unless recommended by medical personnel. If victim is conscious wash out mouth with water. Never give anything by mouth if victim is unconscious or convulsing. Seek medical attention or contact a Poison Centre immediately. |
| C | Other: | No information available. |
| S | Symptoms: | May cause redness and irritation of the skin and to eyes. May cause an allergic reaction of the skin. |
| | lotes to the hysician: | Treat symptomatically. If lavage is performed, suggest endotracheal and/or esophageal control. Danger from lung aspiration must be weighed against toxicity when considering emptying the stomach. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient. |

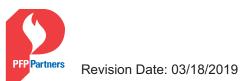
SECTION 5. FIRE FIGHTING MEASURES

| Suitable extinguishing media: | Use appropriate extinguisher for surrounding fire. |
|--|--|
| Specific hazards arising from the chemical: | This product is used to contain fire. |
| Specific protective equipment: | Firefighters must wear self contained breathing apparatus with full face mask. Firefighter suit may not be efficient against chemicals. |
| Specific protective actions for firefighters: | Water spray can be used to cool equipment exposed to hear and flame. |



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SECTION 6. ACCIDENTAL RELEASE MEASURES

| Personal precautions, protective equipment and emergency procedures | Do not touch spilled material. Make sure to wear personal protective equipment mentioned in the Safety Data Sheet. |
|---|---|
| Environmental precautions: | Prevent product from entering drains. |
| Methods and material for containment and clean-up: | Ventilate well the area. Absorb with inert material (soil, sand, vermiculite) or wipe up or scape up and place in an appropriate waste disposal clearly identified. |

SECTION 7. HANDLING AND STORAGE

| Precautions for safe handling: | Use only in well ventilated area. Avoid contact with skin, eyes and clothing. Do not breathe vapours, mists or aerosols. Wear eye protection, gloves and other protection clothing that are adapted to the task being performed and the risks involved. All items should be warmed to at least 10°C (50°F) prior to installation. Do not eat, do not drink and do not smoke during use. Keep containers tightly closed when not used. After use, wash hands with soap and water. Wash contaminated clothing before reuse. |
|--|---|
| Conditions for safe storage, including any incompatibilities: Storage: | Store tightly close and in properly labelled container. Store away from oxidizing materials and incompatible materials (see section 10). Storage in high heat, high humidity conditions may reduce products shelf life. Keep from freezing. 4 to 32°C (39.2 to 90°F) |
| | |

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| Immediately Dangerous to | Life | or |
|--------------------------|------|----|
| Health | | |

No IDLH value is reported.

| Hazardous Components | | | | | |
|----------------------|-----------------------------|---|---|---|---|
| Limestone: | STEL TWA (8h) | Total Dust Respirable Dust Total Dust Total Dust | | 20 mg/m ³ 5 mg/m ³ 10 mg/m ³ 15 mg/m ³ | BC OSHA ACGIH, BC, ON, RSST OSHA |
| Texanol | TWA (8h) | Respirable Dust Total Dust | | 3 mg/m ³ 10 mg/m ³ | ACGIH ACGIH |
| Vinyl Acetate | Ceiling STEL TWA (8h) | | 4 ppm 15 ppm 15 ppm 10 ppm 10 ppm | 15 mg/m ³ 53 mg/m ³ 35 mg/m ³ | NIOSH ACGIH, BC, ON RSST (C3) ACGIH, BC, ON RSST (C3) |

| Appropriate engineering controls: | Provide sufficient mechanical (general and/or local exhaust) to keep the airborne concentrations of dust below their respective occupational exposure limits. |
|-----------------------------------|---|
| Individual protection measures | |
| Eyes: | Safety glasses. If risk of contact with eyes chemical splash goggles. |
| Hands: | Wear nitrile or neoprene gloves. Disposable nitrile gloves can also be used, but discard after single use. Gloves must only be worn on clean hands. Wash gloves with water before removing them. After using gloves, hands should be washed and dried thoroughly. Before using, user should confirm impermeability. Discard gloves that show tears, pinholes, or signs of wear. |
| Skin: | Personal protective equipment for the body should be selected based on the task being performed and the risks involved. Wear normal work clothing covering arms and legs as required by employer code. Wear an apron, if necessary, to prevent repeated or prolonged contact with skin. |



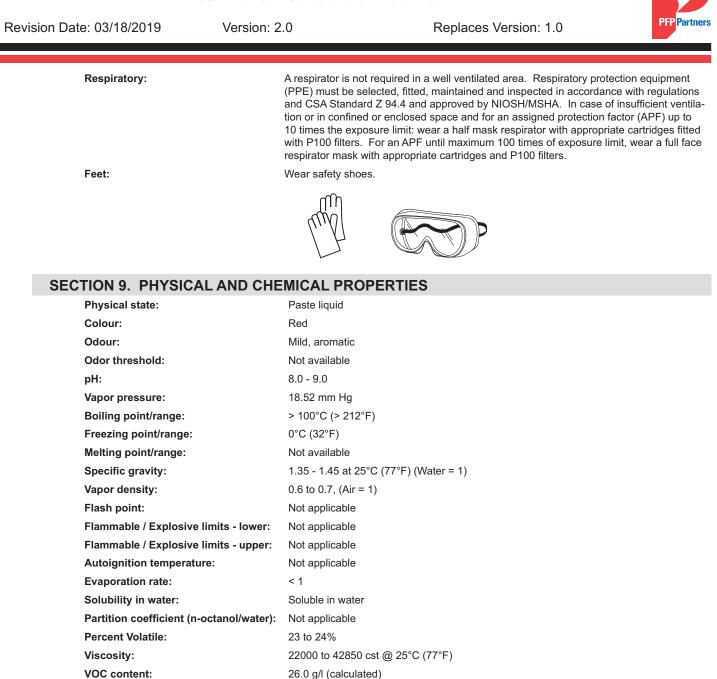
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SECTION 10. STABILITY AND REACTIVITY

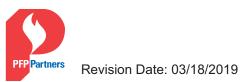
| Stability: | Stable under normal conditions of storage and use. |
|--|---|
| Possibility of hazardous reactions: (Including polymerizations) | Hazardous polymerization will not occur under recommended storage. |
| Hazardous decomposition products: | Under normal conditions of storage and use, hazardous decomposition products should not be produced |
| Incompatible materials: | Strong oxidizing agents (such as nitric acid, perchloric acid peroxides, chlorates and perchlorates), strong acids, strong bases. |
| Reactivity: | Not information available for this product |
| Conditions to avoid: | Do not freeze. Avoid contact with incompatible materials. Avoid contamination with another chemical product. |



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SECTION 11. TOXICOLOGICAL INFORMATION

Relevant Routes of Exposure:

Inhalation, Skin Contact, Eyes, Ingestion

| Potential H | ealth Effects / Symptoms | | | | | |
|-------------|---|---|--|---|-----------------------------|------------------------------|
| | Inhalation: | May cause irritation to nose and throat | | | | |
| | Numerical measures of toxicity: | Limestone Dipropylene glycol dibenzoate | Ingestion Ingestion Inhalation Skin | 6450 mg/kg 3914 mg/kg >200 mg/l/4h >2000 mg/kg | Rat Rat Rat Rabbit | LD50 LD50 LC50 LD50 |
| | | Texaznol | Ingestion Inhalation Skin | 3200 mg/kg >3.5 mg/l/4h >20000 mg/kg | Rat Rat | LD50 LC50 LD50 |
| | | Vinyl acetate | Ingestion Inhalation Skin | 2920 mg/kg 11.4 mg/l/4h 4000 ppm/4h 2335 mg/kg | Rat Rat Rat Rabbit | LD50 LC50 LC50 LD50 |
| Delaved, in | mediate and chronic effects | | OKIT | 2000 mg/kg | Rabbit | LDOU |
| , , | Eye contact: | May cause redness and irritation to eyes. Eye Irritation/Corrosion, Rabbit: tests performed with each ingredient of this mixture gave not irritating to slightly irritating results. | | | | formed with |
| | Skin contact: | May cause redness and slight irritation of the skin. Skin Irritation/Corrosion, Rabbit : tests per- formed with each ingredient of this mixture gave not irritating to slightly irritating results | | | | |
| | Inhalation: | Generally speaking, working cleanly and following basic precautionary measures will greatly minimize the potential for harmful exposure to this product under normal use conditions. Overexposure may cause nose, throat and respiratory tract irritation Not expected to be harmful by ingestion. Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea and diarrhea. Ingredients present at levels greater than or equal to 0.1% of this product are skin or respiratory sensitizers. | | | | |
| | Ingestion: | | | | | |
| | Respiratory or skin sensitization IARC: | | | | r respiratory | |
| | NTP Classification: | Common name Vinyl acetate IARC:1- Carcinogenic; 2A- Probably ca NTP:K- Known to be carcinogens; R- Reas | | | | |
| | Carcinogenicity: | Contains a substance that can cause cancer based on animal data. The risk of cancer depends on duration and level of exposure. Ingredients in this product present at levels greater than or equal to 0.1% are not known to cause mutagenic effect. Ingredients in this product present at levels greater than or equal to 0.1% are not known to cause effects on reproduction. No target organ is listed. | | | cer depends | |
| | Mutagenicity: | | | | own to | |
| | Reproductive Toxicity: | | | | own to | |
| | Specific target organ toxicity (single exposure): | | | | | |
| | Specific target organ toxicity (repeated exposure): | No target organ is listed. | | | | |
| | Interactive effects: | No information available for this product. | | | | |
| | Other information: | The oral and skin acute toxicity estimates (A than 2000 mg/kg. The acute toxicity estimate calculated to be greater than 5 mg/L/4h. The 2015 and OSHA HCS 2012 | e (ÁTE) by in | halation (dust/mi | st) of the r | nixture was |

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SECTION 12. ECOLOGICAL INFORMATION

Ecological information:

Not applicable

SECTION 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only:

| Recommend method of disposal: | Dispose should be in accordance with applicable regional, national, Federal, State and local governmental regulations. |
|-------------------------------|--|
| Waste disposal: | The generation of waste should be avoided or minimized wherever possible. Empty containers may retain some product residues. This material and its containers must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product should at all times must comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. |
| Hazardous waste number: | It is the responsibility of the user to determine if an item is hazardous as defined in the Resource Conservation and Recovery Act (RCRA) at the time of disposal. Product uses, transformations, mixtures, processes, etc., may render the resulting material hazardous, under the criteria of ignitability, corrosivity, reactivity and toxicity characteristics of the Toxicity Characteristics Leaching Procedure (TCLP) 40 CFR 261.20-24. |

SECTION 14. TRANSPORT INFORMATION

| Regulatory Information | UN Number | Proper Shipping Name | Classes | PG* | Label | Additional Information |
|------------------------|---------------|----------------------|---------|-----|-------|------------------------|
| DOT Classification | Not regulated | - | - | - | - | - |
| TDG Classification | Not regulated | - | - | - | - | - |
| Mexico Classification | Not regulated | - | - | - | - | - |
| ADR / RID Class | Not regulated | - | - | - | - | - |
| IMDG Class | Not regulated | - | - | - | - | - |
| IATA-DGR Class | Not regulated | - | - | - | - | - |

U.S. Department of Transportation Ground (49 CFR)

| Proper shipping name: | Not regulated |
|---------------------------|---------------|
| Hazard class or division: | None |
| Identification number: | None |
| Packing group: | None |

International Air Transportation (ICAO/IATA)

| Proper shipping name: | Not regulated |
|---------------------------|---------------|
| Hazard class or division: | None |
| Identification number: | None |

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| Packing group: | None | | | |
|--------------------------------------|--|--|--|--|
| Water Transportation (IMO/IMDG) | | | | |
| Proper shipping name: | Not regulated | | | |
| Hazard class or division: | None | | | |
| Identification number: | None | | | |
| Packing group: | None | | | |
| SECTION 15. REGULATORY INFORMATION | | | | |
| United States Regulatory Information | | | | |
| TSCA 8 (b) Inventory Status: | All components are listed or are exempt from listing on the Toxic Substances Control Act | | | |

| | Inventory |
|----------------------------------|---|
| TSCA 12 (b) Export Notification: | None above reporting de minimus |
| CERCLA / SARA Section 302 EHS: | None above reporting de minimus |
| CERCLA / SARA Section 311/312: | Immediate health |
| CERCLA / SARA 313: | None above reporting de minimus |
| California Proposition 65: | No California Proposition 65 listed chemicals are known to be present. No California Proposition 65 listed chemicals are know to be present |
| | |

Canada Regulatory Information

CEPA DSL / NDSL Status: All components are listed on or exempt from listing on the Canadian Domestic Substances List. WHMIS hazard class: Not controlled

SECTION 16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections:

| Prepared by: | Chemical Laboratory |
|--------------|---------------------|
| Issue date: | March 18, 2019 |

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