

## SECTION 1: IDENTIFICATION

### Product Identifier

Product Name DELTA®-SEALANT

### Intended Use of the Product

Dampproofing & Wall Waterproofing Membrane Accessory

### Name, Address, and Telephone of the Responsible Party

Dörken Products Inc.

Mr. Krzysztof Apriasz Technical Service Manager

4655 Delta Way, Beamsville, Ontario L0R 1B4

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### Emergency Telephone Number

Company Number: (905)- 563-3255

CANUTEC (Canada):613-996-6666

CHEMTREC: 1-800-424-9300

## SECTION 2: HAZARDS IDENTIFICATION

### Classification of the Substance or Mixture

#### Label Elements



#### Hazard Statements

Cause skin irritation – Category 3

Highly flammable liquid – Category 3

Skin Irritation – Category 2

Carcinogenicity – Category 2

Appearance: Viscous

Physical State: Solid

Odor: Strong Solvent

#### Precautionary Statements – Prevention

Do not handle until all safety precautions have be read and understood

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources

No smoking

Keep container tightly closed

Ground and bond container and receiving equipment

Use explosion-proof electrical, ventilating, lighting equipment

Use non-sparking tools

Take action to prevent static discharge

Wear protective gloves/protective clothing/eye protection/face protection

Wash thoroughly after handling

#### Precautionary Statements – Response

IF exposed or concerned: Get medical advice/attention

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing If eye irritation persists: Get medical advice/attention

If skin irritation occurs: Get medical advice/attention

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

Wash contaminated clothing before reuse

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

In case of fire: se dry sand, dry chemical or alcohol-resistant foam for extinction

**Precautionary Statements – Response**

Store locked up

Store in a well-ventilated place. Keep container tightly closed

**Precautionary Statements – Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified**

Not Applicable

**Comments**

Fillers are encapsulated and not expected to be released from product under normal conditions of use. This product contains quartz (crystalline silica) as a naturally occurring contaminant. Prolonged overexposure to respirable crystalline silica may cause lung disease (silicosis) and increase the risk of lung cancer. Under normal conditions of use, exposure is not expected to occur.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****Mixture**

Name	Product Identifier	% (w/w)
Asphalt	(CAS No) 8052-42-4	30.00 – 45.00
Stoddard Solvent	(CAS No) 8052-42-3	12.00 – 18.00
Crystalline silica, quartz	(CAS No) 14808-60-7	0.10 – 0.30
Titanium dioxide	(CAS No) 13463-67-7	0.10 – 0.20

**SECTION 4: FIRST AID MEASURES****Description of first aid measures**

- General:** In case of accident or un-wellness, seek medical advice immediately (show directions for use or safety data sheet if possible). If symptoms persist, call a physician.
- Eye Contact:** Keep eye wide open while rinsing. Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If symptoms persist, call a physician.
- Skin Contact:** Wash immediately with soap and plenty of water while removing all contaminated clothes and shoes. If symptoms persist, call a physician. Wash contaminated clothing before reuse.
- Inhalation:** Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If symptoms persist, call a physician.
- Ingestion:** Call a physician or poison control center immediately. Do not induce vomiting without medical advice. Rinse mouth. Never give anything by mouth to an unconscious person.
- Self-protection:** Use personal protective equipment as required.

**Most Important Symptoms and Effects Both Acute and Delayed**

May cause redness and tearing of the eyes. May cause skin irritation.

**Indication of Any Immediate Medical Attention and Special Treatment Needed**

Keep victim warm and quiet. Treat symptomatically.

**SECTION 5: FIRE-FIGHTING MEASURES****Extinguishing Media**

- Suitable:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical, CO<sub>2</sub>, sand, earth, water spray or regular foam.
- Unsuitable:** Do not use a solid water stream as it may scatter and spread fire.



**Special Hazards Arising From the Substance or Mixture**

Thermal decomposition can lead to release of irritating and toxic gases and vapors. Vapors may travel to source of ignition and flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks).

**Reactivity:** Hazardous reactions will not occur under normal conditions.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Personal Precautions, Protective Equipment and Emergency Procedures**

**General Measures:** Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment as required. Remove wall sources of ignition. Ensure adequate ventilation, especially in confined areas.

**Environmental Precautions:** Collect spillage. Dispose of contents/container to an approved waste disposal plant. Prevent entry into waterways, sewers, basements or confined areas.

**Methods and Materials for Containment and Cleaning Up**

**For Containment:** A vapor suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.

**Methods for Cleaning Up:** Use clean non-sparking tools to collect absorbed material. Dike far ahead of liquid spill for later disposal. Do not place into containers where ignition sources such as cigarettes or other ignition sources may be discarded.

**SECTION 7: HANDLING AND STORAGE**

**Precautions for Safe Handling**

**Advice of Safe Handling:** Ensure adequate ventilation, especially in confined areas. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Take precautionary measures against static discharges. Use spark-proof tools and explosion-proof equipment. All equipment used when handling the product must be grounded. Use with local exhaust ventilation. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray.

**Storage Conditions:** Keep containers tightly closed in a cool, well-ventilated place. Keep in properly labeled containers. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity).

**Incompatible materials:** Strong acids. Strong oxidizing agents. Strong bases.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

**Exposure Guidelines:**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH REL
Asphalt (CAS No) 8052-42-4	STEL: Not available TWA: 0.5 mg/m <sup>3</sup>	PEL: Not available STEL: Not available	Not available
Stoddard Solvent (CAS No) 8052-41-3	STEL: Not available TWA: 100 ppm	PEL: 500 ppm STEL: <b>Not available</b>	Not available
Crystalline silica, quartz (CAS No) 14808-60-7	TWA: 0.025 mg/m <sup>3</sup> (respirable fractions) STEL: Not available	Not available	0.05 mg/m <sup>3</sup> (respirable fractions)

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Titanium Dioxide (CAS No) 13468-67-7	TWA: 10 mg/m <sup>3</sup> STEL: Not available	PEL: 15 mg/m <sup>3</sup> STEL: Not available	Not available
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**OSHA PEL** Permissible Exposure Limit

**NIOSH REL** Recommend Exposure Limit

**Appropriate Engineering Controls:**

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas.

**Personal Protective Equipment:**

Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection.



**Other Information:**

When using, do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

Physical State	: paste
Appearance	: black
Odor	: Solvent odor
Odor Threshold	: Not available
pH	: Not available
Evaporation Rate	: Not available
Melting Point	: Not available
Freezing Point	: Not available
Boiling Point	: >154°C / 309°F
Flash Point	: 48°C / 118°F
Auto-ignition Temperature	: 254°C / 489°F
Decomposition Temperature	: Not available
Flammability (solid, gas)	: Not available
Lower Flammable Limit	: 0.8
Upper Flammable Limit	: 7
Vapor Pressure	: 2 (mm Hg)
Relative Vapor Density at 20°C	: Not available
Relative Density	: Not available
Specific Gravity / Density	: 1.1 1.2
Specific Gravity	: Not available
Solubility	: Not available
Partition Coefficient: N-Octanol/Water	: Not available
Viscosity	: Not available
Explosion Data - Sensitivity to Mechanical Impact	: Not expected to present an explosion hazard due to mechanical impact.
Explosion Data - Sensitivity to Static Discharge	: Not expected to present an explosion hazard due to static discharge.



**SECTION 10: STABILITY AND REACTIVITY**

**Reactivity:** No hazardous reactions if stored and handled as prescribed/indicated

**Chemical Stability:** Stable under recommended handling and storage conditions.

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur under normal processing.

**Conditions to Avoid:** Direct sunlight, extremely high temperatures, and incompatible materials. Sparks, heat, open flame and other sources of ignition.

**Incompatible Materials:** Strong acids, strong bases, strong oxidizers.

**Hazardous Decomposition Products:** Thermal decomposition can lead to release of irritating and toxic gasses and vapors.

**SECTION 11: TOXICOLOGICAL INFORMATION**

Information on Toxicological Effects – Product

**Skin Corrosion/Irritation:** Irritating to skin

**Serious Eye Damage/Irritation:** Irritating to eyes

**Respiratory or Skin Sensitization:** May cause drowsiness or dizziness

**Ingestion:** Ingestion may cause adverse effects

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Asphalt (CAS No) 8052-42-4	>5000 mg/kg (rat)	>2000 mg/kg (rabbit)	Not available
Stoddard Solvent (CAS No) 8052-41-3	>5,000 mg/kg (rat)	>2000 mg/kg (rabbit)	>5.0 mg/l (rat, 4H mist)
Crystalline silica, quartz (CAS No) 14808-60-7	500 mg/kg (rat)	Not available	Not available
Titanium Dioxide (CAS No) 13468-67-7	Not available	>10,000 mg/kg (rat)	Not available

**Routes of exposure:**

Inhalation – Inhalation of vapours may cause irritation to the nose, throat and respiratory track.

Ingestion – Ingestion of the product may cause nausea, vomiting and diarrhea.

Skin contact – May cause irritation

Eye contact – Contact may cause eyes irritation.

**Acute effects:**

Acute oral toxicity – Acute toxicity estimate > 2,000 mg/kg. Virtually nontoxic after a single ingestion

Acute dermal toxicity – LD 50 (rabbit) : > 2,000 mg/kg. Virtually nontoxic after a single skin contact

Acute inhalation toxicity – Acute toxicity estimate: > 2,000 mg/l Exposure time 4 hours. Virtually nontoxic by inhalation.

Skin corrosion/irritation – Moderate skin irritation

Serious eye damage/eye irritation – Mild eye irritation

Respiratory or skin sensitisation – Non-sensitizing

Specific target organ toxicity (STOT) single exposure – Based on the available information there is no specific target organ toxicity to be expected after a single exposure.

Aspiration hazard – No aspiration hazard expected.

**Chronic toxicity/effects:**

Specific target organ toxicity (STOT) repeated exposure – Quartz and cristobalite: May cause damage to the organs (lungs) through prolonged or repeated exposure (inhalation). Respirable dust particles containing crystalline silica may be generated by crushing. There are no known hazards associated with this material when used as recommended.

Carcinogenicity – Respirable crystalline silica dust is listed with IARC as Class 1 carcinogen and with NTP as a suspected carcinogen. Prolonged or excessive exposure to silica can cause silicosis. Titanium dioxide is listed as IARC Group 2B (possibly carcinogenic to humans). Exposures to respirable crystalline silica are not expected during normal use of this product. Asphalt is listed as IARC Group 2B (possibly carcinogenic to humans)

Reproductive toxicity – No known significant effects or critical hazards.

Germ cell mutagenicity – No know significant effects or critical hazards.

Remarks – The product has not been tested. The statement has been derived from the properties of individual components.

**SECTION 12: ECOLOGICAL INFORMATION**

Ecotoxicity – May cause long-term adverse effects in the aquatic environment.

Persistence and degradability – The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate elow concentrations.

Bioaccumulative potential – No data available

Mobility in soil – No data available

Other adverse effects – No data available

**SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste Disposal Recommendations:** The disposal of the prouduct must be made in an approved sanitary landfill or in a foundry in accordance with state, provincial and/or federal regulations.

**Additional Information:** Container may remain hazardous when empty. Continue to observe all precautions. Do not reuse container.

**SECTION 14: TRANSPORT INFORMATION**

In Accordance with DOT:



**Class:** 3  
**UN Number:** 1999  
**Packaging group:** II  
**Hazard label:** 3  
**Description of goods:** Tars, Liquid

In Accordance with TDG:



**Class:** 3  
**UN Number:** 1999  
**Label:** 3  
**Packaging group:** III  
**Desciptipon of goods:** Tars, Liquid

**SECTION 15: REGULATORY INFORMATION**

Asphalt (CAS No) 8052-42-4
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Stoddard Solvent (CAS No) 8052-41-3
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Crystalline silica, quartz (CAS No) 14808-60-7
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Titanium Dioxide (CAS No) 13468-67-7
Listed on the United States TSCA (Toxic Substances Control Act) inventory



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**US State Regulations**

<b>Crystalline silica, quartz (CAS No) 14808-60-7</b>	
<b>U.S. - California - Proposition 65 - Carcinogens List</b>	This product contains chemicals known to the State of California to cause cancer.
<b>Titanium Dioxide (CAS No) 13468-67-7</b>	
<b>U.S. - California - Proposition 65 - Carcinogens List</b>	This product contains chemicals known to the State of California to cause cancer.

**Canadian Regulations**

WHIMIS – This product has been classified in accordance with the hazard criteria of the Canadian Hazardous Products Regulations and the Safety Data Sheet contains all the information required by the Hazardous Products Regulations (WHIMIS 2015). This Product is WHIMIS 2015 controlled.

**SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION**

Preparation Date: October 31, 2017

Revision Date: April 1, 2020

**Party Responsible For The Preparation of This Document**

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**Disclaimer**

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