



SAFETY DATA SHEET

Section 1. Identification

| | |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name: | ResinScape Advanced UVR – Part A |
| Recommended Use: | Professional resin binder component for resin-bound surfacing systems. |
| Restrictions On Use: | For industrial/professional use only. |
| Synonyms: | None |
| Supplier's Details: | SEK-Surebond Corporation 624 W. Illinois Avenue Aurora, IL 60506 (800) 932-3343 www.sek.us.com |
| Emergency Telephone Number: | CHEMTREC (800) 424-9300 (United States Only) |
| Chemtrec (outside USA): | (703) 527-3887 |

Prepared according to OSHA Hazard Communication Standard (29 CFR 1910.1200)

Section 2. Hazards Identification

Hazard Classification:

Not classified as hazardous under OSHA Hazard Communication Standard (29 CFR 1910.1200).

GHS Label Elements:

Hazard Pictograms:

None

Signal Word: None

Hazard Statements: None

Precautionary Statements:

General:

Keep out of reach of children. Read label before use.

Prevention:

Use in a well-ventilated area. Avoid prolonged or repeated contact with skin and eyes. Wear protective gloves, clothing, face and eye protection. Wash thoroughly after handling.

Response:

IF ON SKIN: Rinse with water. If irritation develops, seek medical advice.

IF INHALED: Move person to fresh air and keep comfortable for breathing. Seek medical attention if symptoms persist.

IF SWALLOWED: Rinse mouth. Do not induce vomiting. Seek medical attention immediately.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if easy to do. Continue rinsing.

Storage:

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

Disposal:

Dispose of contents and container to appropriate waste site or reclaimer in accordance with all applicable laws, regulations, and product characteristics at time of disposal.

Other hazards which do not result in classification:

No additional information available.

Section 3. Composition/Information on Ingredients

Substance/Mixture: Mixture

Component: Propylidynetrimethanol

CAS No.: 77-99-6

Concentration: 1–3%

Classification: Reproductive Toxicity, Category 2 (H361fd) – Suspected of damaging fertility or the unborn child.

Section 4. First Aid Measures

Description of Necessary First Aid Measures:

Inhalation:

Move person to fresh air and keep comfortable for breathing. Seek medical attention if symptoms persist.

Skin Contact:

Rinse with water. If irritation develops, seek medical advice.

Eye Contact:

Rinse cautiously with water for several minutes. Remove contact lenses if easy to do. Continue rinsing.

Ingestion:

Rinse mouth. Do not induce vomiting. Seek medical attention immediately.

Most Important Symptoms/Effects (both acute and delayed):

None known under normal conditions of use

Section 5. Firefighting Measures

Extinguishing Media:

Suitable Extinguishing Media: Alcohol-resistant foam, carbon dioxide, dry chemical, or water spray.

Unsuitable Extinguishing Media: High-pressure water jet

Specific Hazards: Combustion may produce carbon oxides (CO, CO₂)

Protective Equipment: Firefighters should wear self-contained breathing apparatus and full protective clothing.

Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:

Personal Precautions:

Slippery when spilled. Use caution to prevent slipping. Avoid direct contact with skin and eyes.

Environmental Precautions

Prevent release to drains, sewers or waterways.

Methods and Materials for Containment and Cleaning Up:

Methods For Cleaning Up:

Absorb with inert material (sand, earth, vermiculite). Dispose of according to local regulations.

Section 7. Handling and Storage

Precautions for Safe Handling:

Precautions For Safe Handling: Avoid contact with skin, eyes, and clothing. Wash thoroughly after handling. Do not eat, drink, or smoke while using this product.

Conditions for Safe Storage, Including any Incompatibilities:

Storage Conditions: Keep containers tightly closed in a cool, dry, and well-ventilated area. Store away from incompatible materials (strong acids, bases, oxidizers, and reducing agents).

Section 8. Exposure Controls/Personal Protection

Appropriate Engineering Controls:

Appropriate Engineering Controls: Ensure adequate ventilation.

Individual Protection Measures, Such As Personal Protective Equipment:

Respiratory Protection:

Not normally required under typical use conditions.

Skin Protection:

Wear suitable protective gloves and clothing.

Eye Protection:

Safety goggles with side shields.

Hygiene Measures:

Wash hands thoroughly after handling. Remove contaminated clothing before eating or drinking.

Section 9. Physical and Chemical Properties

Information on Basic Physical and Chemical Properties:

Appearance:

Physical State:

Liquid

Color:

Clear to light amber

Odor:

Mild

Flash Point:

Not determined

Density:

Not determined

Solubility:

Solubility in Water:

Insoluble

Other Information:

No other information available.

Section 10. Stability and Reactivity

| | |
|-----------------------------------|------------------------------------------------------------------|
| Reactivity: | No hazardous reactions known under normal conditions. |
| Stability: | Stable under normal conditions of storage and use. |
| Incompatible Materials: | Strong acids, bases, oxidizers and reducing agents. |
| Hazardous Decomposition Products: | Carbon oxides (CO, CO ₂) may form during combustion. |

Section 11. Toxicological Information

Information on Toxicological Effects:

| | |
|------------------------|----------------------------------------------------------------------------------------------------|
| Acute Toxicity: | Not classified as acutely toxic. |
| Skin/Eye Irritation: | None expected to cause irritation under normal conditions. |
| Reproductive Toxicity: | Contains propylidynetrimethanol, suspected of damaging fertility or the unborn child (Category 2). |
| Carcinogenicity: | No components are listed by IARC, NTP, or OSHA as carcinogens. |

Section 12. Ecological Information

EcoToxicity:

No data available.

Persistence and degradability:

Not readily biodegradable.

Bioaccumulative potential:

No data available.

Section 13. Disposal Considerations

Disposal Methods:

Dispose of in accordance with local, state, and federal environmental regulations. Avoid release into environment. Containers should be recycled or disposed of properly.

Section 14. Transport Information

DOT:

Not regulated as dangerous goods.

IMDG/IATA:

Not regulated.

Section 15. Regulatory Information

TSCA: All components are listed or exempt.

SARA Title III: No reportable quantities.

CERCLA: Not subject to reporting.

OSHA: Not classified as hazardous under OSHA HCS (29 CFR 1910.1200).

Section 16. Other Information

NFPA Ratings: Health 1 | Flammability 1 | Reactivity 0

HMIS Ratings: Health 1 | Flammability 1 | Physical Hazard 0

Date of Issue/Date of Revision: 10/31/25

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SAFETY DATA SHEET

Section 1. Identification

| | |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name: | ResinScape Advanced UVR – Part B |
| Recommended Use: | Professional resin binder component for resin-bound surfacing systems. |
| Restrictions On Use: | For industrial/professional use only. |
| Synonyms: | None |
| Supplier's Details: | SEK-Surebond Corporation 624 W. Illinois Avenue Aurora, IL 60506 (800) 932-3343 www.sek.us.com |
| Emergency Telephone Number: | CHEMTRIC (800) 424-9300 (United States Only) |
| Chemtrec (outside USA): | (703) 527-3887 |

Prepared according to OSHA Hazard Communication Standard (29 CFR 1910.1200)

Section 2. Hazards Identification

Hazard Classification:

Acute Toxicity (Inhalation) – Category 4 (Harmful if inhaled)

Skin Sensitization – Category 1 (May cause allergic skin reaction)

Specific Target Organ Toxicity (Single Exposure) – Category 3 (May cause respiratory irritation)

GHS Label Elements:

Hazard Pictograms:



Signal Word: WARNING

Hazard Statements:

- H332: Harmful if inhaled
- H317: May cause an allergic skin reaction
- H335: May cause respiratory irritation

Precautionary Statements:

Prevention:

Keep out of reach of children. Avoid breathing mist/vapors. Use only outdoors or in a well-ventilated area. Wear protective gloves, protective clothing, eye and face protection.

Response:

IF ON SKIN: Wash skin with plenty of soap and water. Remove contaminated clothing and wash before reuse. If skin irritation or rash occurs: Get medical attention.

IF INHALED: Move person to fresh air and keep comfortable for breathing. Seek medical attention if symptoms persist.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if easy to do. Continue rinsing.

IF SWALLOWED: Rinse mouth. Do not induce vomiting. Seek medical attention immediately.

Storage:

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

Disposal:

Dispose of contents and container to appropriate waste site or reclaimer in accordance with all applicable laws, regulations, and product characteristics at time of disposal.

Other hazards which do not result in classification:

No additional information available.

Section 3. Composition/Information on Ingredients

Substance/Mixture: Mixture

Component: HDI Oligomers, Isocyanurate

CAS No.: 28182-81-2

Concentration: 95-100%

Classification: Skin Sens. 1 (H317), Acute Tox. 4 (H332), STOT SE 3 (H335)

Component: Hexamethylene Diisocyanate
CAS No.: 822-06-0
Concentration: <0.25%
Classification: Acute Tox. 3 (H331), Skin Irrit. 2 (H315), Eye Irrit. 2 (H319), Resp. Sens. 1 (H334), Skin Sens. 1 (H317)

Section 4. First Aid Measures

Description of Necessary First Aid Measures:

Inhalation:

Move person to fresh air and keep comfortable for breathing. Seek medical attention if symptoms persist.

Skin Contact:

Wash skin with plenty of soap and water. Remove contaminated clothing and wash before reuse.

Eye Contact:

Rinse cautiously with water for several minutes. Remove contact lenses if easy to do. Continue rinsing.

Ingestion:

Rinse mouth. Do not induce vomiting. Seek medical attention immediately.

Most Important Symptoms/Effects (both acute and delayed):

May cause allergic skin reaction and respiratory irritation.

Section 5. Firefighting Measures

Extinguishing Media:

Suitable Extinguishing Media: Alcohol-resistant foam, carbon dioxide, dry chemical, or water spray.

Unsuitable Extinguishing Media: High-pressure water jet

Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:

Personal Precautions:

Avoid breathing vapors. Ensure adequate ventilation. Wear suitable protective clothing.

Environmental Precautions

Prevent release to drains, sewers or surface water.

Methods and Materials for Containment and Cleaning Up:

Methods For Cleaning Up:

Absorb with inert material (sand, vermiculite) and place in a suitable container for disposal.

Section 7. Handling and Storage

Precautions for Safe Handling:

Precautions For Safe Handling: Avoid inhalation of vapors or mist. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling.

Conditions for Safe Storage, Including any Incompatibilities:

Storage Conditions: Keep container tightly closed in a cool, dry and well-ventilated place. Protect from moisture. Do not allow to freeze.

Section 8. Exposure Controls/Personal Protection

Control Parameters:

Appropriate Engineering Controls:

Appropriate Engineering Controls: Provide adequate ventilation, especially in confined areas.

Individual Protection Measures, Such As Personal Protective Equipment:

Respiratory Protection:

Use an approved respirator with organic vapor/particulate filter (NIOSH-approved)

Skin Protection:

Wear protective gloves and clothing.

Eye Protection:

Safety goggles with side shields.

Hygiene Measures:

Wash hands and face after handling and before eating or drinking.

Section 9. Physical and Chemical Properties

Information on Basic Physical and Chemical Properties:

Appearance:

| | |
|-----------------|-----------|
| Physical State: | Liquid |
| Color: | Yellowish |

| | |
|----------------------------|-----------------------|
| Odor: | Mild |
| Flash Point: | 442° F (228°C) |
| Density: | 1.16g/cm ³ |
| Solubility: | |
| Solubility in Water: | Insoluble |
| Auto-ignition Temperature: | Not applicable |

Other Information:

No other information available.

Section 10. Stability and Reactivity

| | |
|-----------------------------------|--------------------------------------------------------------------------|
| Stability: | Stable under normal conditions of storage and use. |
| Incompatible Materials: | Strong acids, bases, oxidizers and reducing agents. |
| Hazardous Decomposition Products: | May produce CO, CO ₂ , and nitrogen oxides during combustion. |

Section 11. Toxicological Information

Information on Toxicological Effects:

| | |
|-------------------------|----------------------------------------------------------------|
| Acute Toxicity: | Harmful if inhaled. |
| Skin Sensitization: | May cause allergic skin reaction. |
| Respiratory Irritation: | May cause irritation to respiratory tract. |
| Carcinogenicity: | No components are listed by IARC, NTP, or OSHA as carcinogens. |

Section 12. Ecological Information

EcoToxicity:

No data available.

Persistence and degradability:

Not readily biodegradable.

Bioaccumulative potential:

No data available.

Section 13. Disposal Considerations

Disposal Methods: Dispose of in accordance with local, state, and federal environmental regulations. Do not discharge into drains or waterways.

Section 14. Transport Information

DOT:

Not regulated as dangerous goods.

IMDG/IATA:

Not regulated.

Section 15. Regulatory Information

TSCA: All components are listed or exempt.

SARA Title III: No reportable quantities.

CERCLA: Not subject to reporting.

OSHA: This material is considered hazardous under the OSHA Hazard Communication Standard.

Section 16. Other Information

NFPA Ratings: Health 2 | Flammability 1 | Reactivity 0

HMIS Ratings: Health 2 | Flammability 1 | Physical Hazard 0

Date of Issue/Date of Revision: 10/31/25

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SAFETY DATA SHEET

Section 1. Identification

Product Name: ResinScape Aggregates

Chemical Name:

Synonyms: None

Supplier's Details:
SEK-Surebond Corporation
624 W. Illinois Avenue
Aurora, IL 60506
(800) 932-3343
www.sek.us.com

Emergency Telephone Number: CHEMTRIC (800) 424-9300 (United States Only)

Chemtrec (outside USA): (703) 527-3887

Section 2. Hazards Identification

Hazard Classification:

OSHA/HCS Status:

This product contains one or more chemicals considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Physical Hazards:

NA

Health Hazards:

CARCINOGENICITY - Category 1A

SPECIFIC TARGET ORGAN TOXICITY - Category 2

REPEATED EXPOSURE

SKIN CORROSION/SKIN IRRITATION - Category 2

EYE DAMAGE/IRRITATION – Category 2A

GHS Label Elements:

Hazard Pictograms:



Signal Word: Danger

Hazard Statements:

May cause cancer.
May cause damage to organs (lungs) through prolonged or repeated exposure.
Causes skin irritation.
Causes serious eye irritation.

Precautionary Statements:

Prevention:

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash any exposed body parts. Wear protective gloves/protective clothing/eye protection/face protection.

Response:

If exposed or concerned: Get medical advice/attention. If on skin: wash with plenty of water. Take off contaminated clothing and wash it before reuse. If in eyes: Rinse continuously with water for several minutes. Remove contact lenses, if present and easy to do.

Storage:

Store in a dry area.

Disposal:

Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards:

None known

Supplemental Information:

Respirable Crystalline Silica (RCS) may cause cancer. Granite is a naturally occurring mineral complex that contains varying quantities of quartz (crystalline silica). In its natural bulk state, granite is not a known health hazard. Granite may be subjected to various natural or mechanical forces that produce small particles (dust) which may contain Respirable Crystalline Silica (particles less than 10 micrometers in aerodynamic diameter). Repeated inhalation of Respirable Crystalline Silica (quartz) may cause lung cancer according to IARC and NTP; ACGIH states that it is a suspected cause of cancer. Other forms of RCS (e.g. tridymite and cristobalite) may also be present or formed under certain industrial processes.

Section 3. Composition/Information on Ingredients

Substance/Mixtures: Mixture

CAS number/other identifiers:

CAS Number: Mixture

| Ingredient Name | CAS-No. | % |
|-----------------------------|------------|-----|
| Granite | None | >99 |
| Crystalline Silica (Quartz) | 14808-60-7 | >1 |

Any concentration shown as a range is to protect confidentiality or is due to process variation. There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. These materials are mined from the earth. Trace amounts of naturally occurring elements might be detected during chemical analysis of these materials.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First Aid Measures

Description of Necessary First Aid Measures:

Eye Contact:

Dust: Immediately flush with plenty of water for at least 15 minutes while holding eyelid(s) apart. Remove contacts if present and easy to do. Occasionally lift the eyelid(s) to ensure thorough rinsing. Beyond flushing, do not attempt to remove material from the eye(s). Get medical attention if irritation develops or persists.

Inhalation:

Dust: Move to fresh air. Get medical attention if symptoms develop or persist.

Skin Contact:

Dust: Wash off with soap and water. Get medical attention if irritation develops and persists.

Ingestion:

Dust: Rinse mouth and drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.

Most Important Symptoms/Effects (both acute and delayed):

Inhaling dust may cause discomfort in chest, shortness of breath and coughing. Prolonged inhalation may cause chronic health effects. This product contains Crystalline Silica. Prolonged or repeated inhalation of respirable crystalline silica liberated from this product can cause silicosis, and may cause cancer.

Indication of Immediate Medical Attention and Special Treatment Needed (if necessary):

Notes to Physician:

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

Specific treatments:

Not applicable.

Protection of first-aiders:

Ensure that the medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

General information:

Pre-existing medical conditions that may be aggravated by exposure include disorders of the eye, skin and lung (including asthma and other breathing disorders). If addicted to tobacco, smoking will impair the ability of the lungs to clear themselves of dust.

Section 5. Firefighting Measures

General Fire Hazards: Not applicable.

Extinguishing Media:

Suitable Extinguishing Media: Not flammable. Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable Extinguishing Media: None known.

Special hazards arising from the substance or mixture:

No unusual fire or explosion hazards noted. Not a combustible dust.

Hazardous thermal Decomposition:

None known.

Special Protective Equipment for Firefighters:

Use protective equipment appropriate for surrounding materials. No specific precautions. Contact with powerful oxidizing agents may cause fire and/or explosions (see Section 10 of SDS). No unusual fire or explosion hazards.

Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:

Wear appropriate personal protective equipment and clothing during clean-up of materials that contain or may liberate dust.

Methods and Materials for Containment and Cleaning Up:

Spilled material, where dust is generated may overexpose cleanup personnel to Respirable Crystalline Silica-containing dust. Do not dry sweep or use compressed air for clean-up. Wetting of spilled material and/or use of respiratory protective equipment may be necessary. Avoid discharge of fine particulate matter into drains or water courses.

Section 7. Handling and Storage

Precautions for Safe Handling:

Protective Measures:

Do not handle until all safety precautions have been read and understood. Keep formation of airborne dusts to a minimum. Provide appropriate exhaust ventilation at places where dust is formed. Do not breathe dust. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment.

Conditions for Safe Storage, Including any Incompatibilities:

Avoid dust formation or accumulation.

Section 8. Exposure Controls/Personal Protection

Control Parameters:

Occupational Exposure Limits

- 1 – Value equivalent to OSHA formulas (29 CFR 1910.1000; 29 CFR
- 2 – Value also applies to MSHA metal/Non-Metal (1973 TLVs at 30 CFR 56/57.5001)
- 3 – OSHA enforces 0.250 mg/m³ in construction and shipyards (CPL-03-00-007)
- 4 – Value also applies to OSHA construction (29 CFR 1926.55 Appendix A) and shipyards (29 CFR 1915.1000 Table Z)
- 5 – MSHA limit = 10 mg/m³

| Ingredient Name | Exposure Limits |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Particles not otherwise classified | ACGIH TLV (United States, 3/2012) TWA: 3 mg/m ³ . Form: Respirable particles (2) TWA: 10 mg/m ³ . Form: Inhalable particles (2) OSHA PEL (United States, 6/2010) PEL: 5mg/m ³ . Form: Respirable fraction PEL: 15 mg/m ³ . Form: Total dust(4) TWA: 5mg/m ³ . Form: Respirable fraction (1) TWA: 15mg/m ³ . Form: Total dust (1, 4, 5) |
| Crystalline Silica (Quartz) (CAS 14808-60-7) | OSHA PEL (United States, 6/2010) TWA: 0.3 mg/m ³ . Form: Total dust (1,2) TWA: 0.1 mg/m ³ . Form: Respirable (1,2,3) |
| Crystalline Silica (all forms CAS mixture) | ACGIH TLV (United States,3/2012) TWA: 0.025 mg/m ³ . Form: Respirable fraction NIOSH REL (United States,6/2009) TWA: 0.05 mg/m ³ . Form: Respirable dust |

Exposure Controls:

Appropriate Engineering Controls:

Good ventilation (typically 10 air changes per hour indoors) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Exposure Guidelines:

OSHA PELs, MSHA PELs, and ACGIH TLVs are 8-hr TWA values. NIOSH RELs are for TWA exposures up to 10-hr/day and 40-hr/wk. Occupational exposure to nuisance dust (total and respirable) and Respirable Crystalline Silica should be monitored and controlled. Terms including "Particulates Not Otherwise Classified," "Particulates Not Otherwise Regulated," Particulates Not Otherwise Specified," and "Inert or Nuisance Due" are often used interchangeably; however, the user should review each agency's terminology for differences in meanings.

Biological limit values:

No biological exposure limits noted for the ingredient(s).

Individual Protection Measures, Such As Personal Protective Equipment:

Hygiene Measures:

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Eye/Face Protection:

Wear safety glasses with side shields (or goggles).

Hand Protection:

Use personal protective equipment as required.

Body Protection:

Use personal protective equipment as required.

Other Skin Protection:

Use personal protective equipment as required.

Respiratory Protection:

When handling or performing work that produces dust or Respirable Crystalline Silica in excess of applicable exposure limits, wear a NIOSH-approved respirator that is properly fitted and is in good condition. Respirators must be used in accordance with all applicable workplace regulations.

Thermal Hazards:

Not anticipated. Wear appropriate thermal protective clothing if necessary.

Section 9. Physical and Chemical Properties

Information on Basic Physical and Chemical Properties:

Appearance:

| | |
|---------------------------------------------|--------------------------------------|
| Physical State: | Solid, particles of granular mixture |
| Color: | Various colors |
| Odor: | Not applicable |
| Odor Threshold: | Not applicable |
| pH: | No data available |
| Melting Point/Freezing Point: | Not applicable |
| Initial Boiling Point & Range: | Not applicable |
| Flash Point: | Non-combustible |
| Burning Time: | Not applicable |
| Evaporation Rate: | Not applicable |
| Flammability (solid, gas): | Not applicable |
| Upper Explosion Limit: | Not applicable |
| Lower Explosion Limit: | Not applicable |
| Vapor Pressure: | Not applicable |
| Relative Vapor Density: | Not applicable |
| Relative Density: | Not available |
| Solubility: | |
| Solubility in Water: | Insoluble |
| Partition coefficient (n-octanol/water): | Not applicable |
| Auto-ignition Temperature: | Not applicable |
| Decomposition Temperature: | Not applicable |
| SADT: | Not available |
| Viscosity: | Not applicable |

Section 10. Stability and Reactivity

| | |
|-------------------------------------|---------------------------------------------------------------------------------------------------|
| Reactivity: | This product is stable and non-reactive under normal conditions of use, storage and transport. |
| Chemical Stability: | Material is stable under normal conditions. |
| Possibility of Hazardous Reactions: | No dangerous reaction known under conditions of normal use. |
| Conditions to Avoid: | Avoid contact with strong oxidizing agents. |
| Incompatible Materials: | Crystalline Silica may react violently with strong oxidizing agents, causing fire and explosions. |
| Hazardous Decomposition Products: | None expected. |

Section 11. Toxicological Information

Information on Toxicological Effects:

Acute Toxicity:

Not expected to be acutely toxic.

Irritation/Corrosion:

Skin: Dust may cause irritation through mechanical abrasion. This product is not expected to be a skin hazard.

Eyes: Direct Contact with eyes may cause temporary irritation through mechanical abrasion.

Inhalation: Repeated inhalation of Respirable Crystalline Silica (quartz) may cause silicosis, a fibrosis (scarring) of the lungs. Silicosis is irreversible and may be fatal. Silicosis increases the risk of contracting pulmonary tuberculosis. Some studies suggest that repeated inhalation of Respirable Crystalline Silica may cause other adverse health effects including lung and kidney cancer.

Ingestion: Not likely due to product form; however, accidental ingestion may cause discomfort.

Sensitization:

Respiratory sensitization: No respiratory sensitizing effects known.

Skin sensitization: Not known to be a dermal irritant or sensitizer.

Mutagenicity:

No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Aspiration Hazard:

Not expected to be an aspiration hazard.

Reproductive toxicity:

Not expected to be a reproductive hazard.

Symptoms related to physical, chemical and toxicological characteristics:

Dust can cause discomfort in chest, shortness of breath and/or coughing.

Carcinogenicity:

Respirable Crystalline Silica has been classified by IARC and NTP as a known human carcinogen, and classified by ACGIH as a suspected human carcinogen.

| Product/Ingredient Name | OSHA | IARC | ACGIH | NTP |
|----------------------------------------------------------------------------------|------------|--------------------------|-------|------------------------------|
| Crystalline Silica (Quartz) CAS 14808-60-7) | Not listed | 1 Carcinogenic to humans | A2 | Known to be human carcinogen |
| Respirable Tridymite and Cristobalite (other forms of crystalline) (CAS Mixture) | Not listed | 1 Carcinogenic to humans | - | - |

Specific target organ toxicity (acute exposure):

| Name | Category | Route of Exposure | Target Organs |
|----------------------------------------------------------------------------------|----------|-------------------|-------------------------------|
| Crystalline Silica (Quartz) CAS 14808-60-7) | - | Inhalation | Not reported to have effects. |
| Respirable Tridymite and Cristobalite (other forms of crystalline) (CAS Mixture) | - | Inhalation | Not reported to have effects. |

Specific target organ toxicity (chronic exposure):

| Name | Category | Route of Exposure | Target Organs |
|----------------------------------------------------------------------------------|----------|-------------------|---------------------------------------------------------------------------|
| Crystalline Silica (Quartz) CAS 14808-60-7) | | Inhalation | May cause damage to organs (lung) through prolonged or repeated exposure. |
| Respirable Tridymite and Cristobalite (other forms of crystalline) (CAS Mixture) | | Inhalation | May cause damage to organs (lung) through prolonged or repeated exposure. |

Potential chronic health effects:

General: Prolonged inhalation of Respirable Crystalline Silica may be harmful. May cause damage to organs (lungs) through prolonged or repeated exposure. There are reports in the literature suggesting that excessive Crystalline Silica exposure may be associated with autoimmune disorders and other adverse health effects involving the kidney. In particular, the incidence of scleroderma (thickening of the skin caused by swelling and the thickening of fibrous tissue) appears to be higher in silicotic individuals. To date, the evidence does not conclusively determine a causal relationship between silica exposure and these adverse health effects.

Section 12. Ecological Information

EcoToxicity:

Not expected to be harmful to aquatic organisms. Discharging sand and gravel dust and fines into waters may increase total suspended (TSP) levels that can be harmful to certain aquatic organisms.

Persistence and degradability: Not applicable.

Bioaccumulative potential: Not applicable.

Mobility in soil: Not applicable.

Other adverse effects: No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, global warming potential) are expected from this component.

Section 13. Disposal Considerations

Disposal methods:

Do not allow fine particulate matter to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with fine particulates. Dispose of contents in accordance with local/regional/national/international regulations.

Hazardous Waste Code:

Not regulated.

Waste from residues/unused product:

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.

Contaminated Packaging:

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty packaging materials should be recycled or disposed of in accordance with applicable regulations and practices.

Section 14. Transport Information

| | DOT Classification | IMDG | IATA |
|----------------------------|--------------------|----------------|----------------|
| UN Number | Not regulated. | Not regulated. | Not regulated. |
| UN Proper shipping name | - | - | - |
| Transport hazard class(es) | - | - | - |
| Packing group | - | - | - |
| Environmental hazards | - | - | - |
| Additional information | - | - | - |

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code.

Section 15. Regulatory Information

U.S. Federal regulations:

OSHA Hazard Communication Standard, 29 CFR 1910.1200:

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200

TSCA Section 12(b) Export Notification (40 CFR 707, Subpart. D):

Not regulated

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):

Not listed

CERCLA Hazardous Substance List (40 CFR 302.4):

Not listed

Clean Air Act Section 112 (b): Hazardous Air Pollutants (HAPs):
Not regulated

Clean Air Act Section 112 (r) Accidental Release Prevention (40 CFR 68.130):
Not regulated

Safe Drinking Water Act (SDWA):
Not regulated

SARA 311/312

Classification: Delayed (chronic) health hazard.

Composition/Information on Ingredients:

| Name | % | Fire Hazard | Sudden Release of Pressure | Reactive | Immediate (acute) Health Hazard | Delayed (chronic) Health Hazard |
|-----------------------------------------------|----|-------------|----------------------------|----------|---------------------------------|---------------------------------|
| Crystalline Silica (Quartz) CAS 14808-60-7 | >1 | No | No | No | No | Yes |

SARA 313 (TRI)

| | Product Name | CAS Number | % |
|----------------------------|-----------------------------|------------|---------------|
| Form R-Report Requirements | Crystalline Silica (Quartz) | 14808-60-7 | Not regulated |

STATE REGULATIONS:

Massachusetts RTK: The following components are listed: Crystalline Silica (Quartz) (CAS 14808-60-7), Respirable Tridymite and Cristobalite (other forms of Crystalline Silica) (CAS Mixture)

New Jersey RTK: The following components are listed: Crystalline Silica (Quartz) (CAS 14808-60-7), Respirable Tridymite and Cristobalite (other forms of Crystalline Silica) (CAS Mixture)

Pennsylvania RTK: The following components are listed: Crystalline Silica (Quartz) (CAS 14808-60-7), Respirable Tridymite and Cristobalite (other forms of Crystalline Silica) (CAS Mixture)

Rhode Island RTK: Not regulated.

California Prop. 65:

WARNING: This product contains crystalline silica and chemicals (trace metals) known to the State of California to cause cancer.

| Ingredient Name | Cancer | Reproductive | No significant risk level | Maximum acceptable dosage level |
|-----------------------------------------------|--------|--------------|---------------------------|---------------------------------|
| Crystalline Silica (Quartz) CAS 14808-60-7 | Yes | No | No | No |

International Regulations:

| Ingredient Name | CAS # | TSCA | Canada | WHMIS | EEC |
|-----------------------------|------------|------|--------|-------|--------|
| Crystalline Silica (Quartz) | 14808-60-7 | Yes | DSL | D2A | EINECS |

WHMIS Classification:

D2A "Materials Causing Other Toxic Effects"



Section 16. Other Information

Abbreviations:

ACGIH - American Conference of Governmental Industrial Hygienists

CAS - Chemical Abstract Service

CERCLA - Comprehensive Emergency Response and Comprehensive Liability Act

CFR - Code of Federal Regulations

DOT - Department of Transportation

GHS - Globally Harmonized System

HEPA - High Efficiency Particulate Air

IATA - International Air Transport Association

IARC - International Agency for Research on Cancer

IMDG - International Maritime Dangerous Goods

NIOSH - National Institute of Occupational Safety and Health

NOEC - No Observed Effect Concentration

NTP - National Toxicology Program

OSHA - Occupational Safety and Health Administration

PEL - Permissible Exposure Limit

REL - Recommended Exposure Limit

RQ - Reportable Quantity

SARA - Superfund Amendments and Reauthorization Act

SDS - Safety Data Sheet

TLV - Threshold Limit Value

TPQ - Threshold Planning Quantity

TSCA - Toxic Substances Control Act

TWA - Time-Weighted Average

UN - United Nations

Revision Information: Not relevant.

Key Literature References

and Sources for Data: No data available.

Training Information: No data available.

Date of Issue/Date of Revision: 10/31/25

Notice to Reader

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SAFETY DATA SHEET

Section 1. Identification

Product Name: ResinScape Binder Sand

Synonyms: None

Recommended Use: Binder sand component for resin-bound surfacing systems.

Supplier's Details:
SEK-Surebond Corporation
624 W. Illinois Avenue
Aurora, IL 60506
(800) 932-3343
www.sek.us.com

Emergency Telephone Number: CHEMTRIC (800) 424-9300 (United States Only)
Chemtrec (outside USA): (703) 527-3887

Section 2. Hazards Identification

Hazard Classification:

OSHA/HCS Status:

This product contains one or more chemicals considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Physical Hazards:

NA

Health Hazards:

CARCINOGENICITY - Category 1A
SPECIFIC TARGET ORGAN TOXICITY - Category 2
REPEATED EXPOSURE
SKIN CORROSION/SKIN IRRITATION - Category 2
EYE DAMAGE/IRRITATION – Category 2A

GHS Label Elements:

Hazard Pictograms:



Signal Word: Danger

Hazard Statements:

- May cause cancer.
- May cause damage to organs (lungs) through prolonged or repeated exposure.
- Causes skin irritation.
- Causes serious eye irritation.

Precautionary Statements:

Prevention:

KEEP OUT OF REACH OF CHILDREN. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash any exposed body parts. Wear protective gloves/protective clothing/eye protection/face protection.

Response:

If exposed or concerned: Get medical advice/attention. If on skin: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If in eyes: Rinse continuously with water for several minutes. Remove contact lenses, if present and easy to do.

Storage:

Store in a dry area.

Disposal:

Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards:

None known

Supplemental Information:

Respirable Crystalline Silica (RCS) may cause cancer. Sand and gravel contains varying quantities of quartz (Crystalline Silica). In its natural bulk state, sand and gravel is not a known health hazard. Sand and gravel may be subjected to various natural or mechanical forces that produce small particles (dust) which may contain Respirable Crystalline Silica (particles less than 10 micrometers in aerodynamic diameter). Repeated inhalation of Respirable Crystalline Silica (quartz) may cause lung cancer according to IARC and NTP; ACGIH states that it is a suspected cause of cancer. Other forms of RCS (e.g. tridymite and cristobalite) may also be present or formed under certain industrial processes.

Section 3. Composition/Information on Ingredients

Substance/Mixtures: Mixture

Chemical Nature:

Other Means of Identification: SEK-Surebond ResinScape Binder Sand

CAS number/other identifiers:

CAS Number: Mixture

| Ingredient Name | CAS-No. | % |
|-----------------------------|------------|-----|
| Sand and Gravel | None | >99 |
| Crystalline Silica (Quartz) | 14807-60-7 | >1 |

Any concentration shown as a range is to protect confidentiality or is due to process variation. There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. These materials are mined from the earth. Trace amounts of naturally occurring elements might be detected during chemical analysis of these materials.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First Aid Measures

Description of Necessary First Aid Measures:

Eye Contact:

Dust: Immediately flush with plenty of water for at least 15 minutes while holding eyelid(s) apart. Remove contacts if present and easy to do. Occasionally lift the eyelid(s) to ensure thorough rinsing. Beyond flushing, do not attempt to remove material from the eye(s). Get medical attention if irritation develops or persists.

Inhalation:

Dust: Move to fresh air. Get medical attention if symptoms develop or persist.

Skin Contact:

Dust: Wash off with soap and water. Get medical attention if irritation develops and persists.

Ingestion:

Dust: Rinse mouth and drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.

Most Important Symptoms/Effects (both acute and delayed):

Inhaling dust may cause discomfort in chest, shortness of breath and coughing. Prolonged inhalation may cause chronic health effects. This product contains Crystalline Silica. Prolonged or repeated inhalation of respirable crystalline silica liberated from this product can cause silicosis, and may cause cancer.

Indication of Immediate Medical Attention and Special Treatment Needed (if necessary):

Notes to Physician:

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

Specific treatments:

Not applicable.

Protection of first-aiders:

Ensure that the medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

General information:

Pre-existing medical conditions that may be aggravated by exposure include disorders of the eye, skin and lung (including asthma and other breathing disorders). If addicted to tobacco, smoking will impair the ability of the lungs to clear themselves of dust.

Section 5. Firefighting Measures

General Fire Hazards: Not applicable.

Extinguishing Media:

Suitable Extinguishing Media: Not flammable. Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable Extinguishing Media: None known.

Special hazards arising from the substance or mixture:

No unusual fire or explosion hazards noted. Not a combustible dust.

Hazardous thermal Decomposition:

None known.

Special Protective Equipment for Firefighters:

Use protective equipment appropriate for surrounding materials. No specific precautions. Contact with powerful oxidizing agents may cause fire and/or explosions (see Section 10 of SDS). No unusual fire or explosion hazards.

Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:

Wear appropriate personal protective equipment and clothing during clean-up of materials that contain or may liberate dust.

Methods and Materials for Containment and Cleaning Up:

Spilled material, where dust is generated may overexpose cleanup personnel to Respirable Crystalline Silica-containing dust. Do not dry sweep or use compressed air for clean-up. Wetting of spilled material and/or use of respiratory protective equipment may be necessary. Avoid discharge of fine particulate matter into drains or water courses.

Section 7. Handling and Storage

Precautions for Safe Handling:

Protective Measures:

Do not handle until all safety precautions have been read and understood. Keep formation of airborne dusts to a minimum. Provide appropriate exhaust ventilation at places where dust is formed. Do not breathe dust. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment.

Conditions for Safe Storage, Including any Incompatibilities:

Avoid dust formation or accumulation.

Section 8. Exposure Controls/Personal Protection

Control Parameters:

Occupational Exposure Limits

- 1 – Value equivalent to OSHA formulas (29 CFR 1910.1000; 29 CFR 1926.55 Appendix A)
- 2 – Value also applies to MSHA metal/Non-Metal (1973 TLVs at 30 CFR 56/57.5001)
- 3 – OSHA enforces 0.250 mg/m³ in construction and shipyards (CPL-03-00-007)
- 4 – Value also applies to OSHA construction (29 CFR 1926.55 Appendix A) and shipyards (29 CFR 1915.1000 Table Z)
- 5 – MSHA limit = 10 mg/m³

| Ingredient Name | Exposure Limits |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Particles not otherwise classified | ACGIH TLV (United States, 3/2012) TWA: 3 mg/m ³ . Form: Respirable particles (2) TWA: 10 mg/m ³ . Form: Inhalable particles (2) OSHA PEL (United States, 6/2010) PEL: 5mg/m ³ . Form: Respirable fraction PEL: 15 mg/m ³ . Form: Total dust(4) TWA: 5mg/m ³ . Form: Respirable fraction (1) TWA: 15mg/m ³ . Form: Total dust (1, 4, 5) |
| Crystalline Silica (Quartz) (CAS 14808-60-7) | OSHA PEL (United States, 6/2010) |

| | |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | TWA: 0.3 mg/m ³ . Form: Total dust (1,2) TWA: 0.1 mg/m ³ . Form: Respirable (1,2,3) |
| Crystalline Silica (all forms CAS mixture) | ACGIH TLV (United States,3/2012) TWA: 0.025 mg/m ³ . Form: Respirable fraction NIOSH REL (United States,6/2009) TWA: 0.05 mg/m ³ . Form: Respirable dust |

Exposure Controls:

Appropriate Engineering Controls:

Good ventilation (typically 10 air changes per hour indoors) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Exposure Guidelines:

OSHA PELs, MSHA PELs, and ACGIH TLVs are 8-hr TWA values. NIOSH RELs are for TWA exposures up to 10-hr/day and 40-hr/wk. Occupational exposure to nuisance dust (total and respirable) and Respirable Crystalline Silica should be monitored and controlled. Terms including "Particulates Not Otherwise Classified," "Particulates Not Otherwise Regulated," Particulates Not Otherwise Specified," and "Inert or Nuisance Due" are often used interchangeably; however, the user should review each agency's terminology for differences in meanings.

Biological limit values:

No biological exposure limits noted for the ingredient(s).

Individual Protection Measures, Such As Personal Protective Equipment:

Hygiene Measures:

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Eye/Face Protection:

Wear safety glasses with side shields (or goggles).

Hand Protection:

Use personal protective equipment as required.

Body Protection:

Use personal protective equipment as required.

Other Skin Protection:

Use personal protective equipment as required.

Respiratory Protection:

When handling or performing work that produces dust or Respirable Crystalline Silica in excess of applicable exposure limits, wear a NIOSH-approved respirator that is properly fitted and is in good condition. Respirators must be used in accordance with all applicable workplace regulations.

Thermal Hazards:

Not anticipated. Wear appropriate thermal protective clothing if necessary.

Section 9. Physical and Chemical Properties

Information on Basic Physical and Chemical Properties:

Appearance:

Physical State: Solid, particles of granular mixture

Color: Various colors

Odor:

Not applicable

Odor Threshold:

Not applicable

pH:

No data available

Melting Point/Freezing Point:

Not applicable

Initial Boiling Point & Range:

Not applicable

Flash Point:

Non-combustible

Burning Time:

Not applicable

Evaporation Rate:

Not applicable

Flammability (solid, gas):

Not applicable

Upper Explosion Limit:

Not applicable

Lower Explosion Limit:

Not applicable

Vapor Pressure:

Not applicable

Relative Vapor Density:

Not applicable

Relative Density:

Not available

Solubility:

Solubility in Water: Insoluble

Partition coefficient

(n-octanol/water):

Not applicable

Auto-ignition Temperature:

Not applicable

Decomposition Temperature:

Not applicable

SADT:

Not available

Viscosity:

Not applicable

Section 10. Stability and Reactivity

Reactivity:

This product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical Stability:

Material is stable under normal conditions.

Possibility of Hazardous Reactions:

No dangerous reaction known under conditions of normal use.

Conditions to Avoid:

Avoid contact with strong oxidizing agents.

Incompatible Materials:

Crystalline Silica may react violently with strong oxidizing agents, causing fire and explosions.

Hazardous Decomposition Products:

None expected.

Section 11. Toxicological Information

Information on Toxicological Effects:

Acute Toxicity:

Not expected to be acutely toxic.

Irritation/Corrosion:

Skin: Dust may cause irritation through mechanical abrasion. This product is not expected to be a skin hazard.

Eyes: Direct Contact with eyes may cause temporary irritation through mechanical abrasion.

Inhalation: Repeated inhalation of Respirable Crystalline Silica (quartz) may cause silicosis, a fibrosis (scarring) of the lungs. Silicosis is irreversible and may be fatal. Silicosis increases the risk of contracting pulmonary tuberculosis. Some studies suggest that repeated inhalation of Respirable Crystalline Silica may cause other adverse health effects including lung and kidney cancer.

Ingestion: Not likely due to product form; however, accidental ingestion may cause discomfort.

Sensitization:

Respiratory sensitization: No respiratory sensitizing effects known.

Skin sensitization: Not known to be a dermal irritant or sensitizer.

Mutagenicity:

No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Aspiration Hazard:

Not expected to be an aspiration hazard.

Reproductive toxicity:

Not expected to be a reproductive hazard.

Symptoms related to physical, chemical and toxicological characteristics:

Dust can cause discomfort in chest, shortness of breath and/or coughing.

Carcinogenicity:

Respirable Crystalline Silica has been classified by IARC and NTP as a known human carcinogen, and classified by ACGIH as a suspected human carcinogen.

| Product/Ingredient Name | OSHA | IARC | ACGIH | NTP |
|----------------------------------------------------------------------------------|------------|--------------------------|-------|------------------------------|
| Crystalline Silica (Quartz) CAS 14808-60-7) | Not listed | 1 Carcinogenic to humans | A2 | Known to be human carcinogen |
| Respirable Tridymite and Cristobalite (other forms of crystalline) (CAS Mixture) | Not listed | 1 Carcinogenic to humans | - | - |

Specific target organ toxicity (acute exposure):

| Name | Category | Route of Exposure | Target Organs |
|------|----------|-------------------|---------------|
|------|----------|-------------------|---------------|

| | | | |
|----------------------------------------------------------------------------------|---|------------|-------------------------------|
| Crystalline Silica (Quartz) CAS 14808-60-7) | - | Inhalation | Not reported to have effects. |
| Respirable Tridymite and Cristobalite (other forms of crystalline) (CAS Mixture) | - | Inhalation | Not reported to have effects. |

Specific target organ toxicity (chronic exposure):

| Name | Category | Route of Exposure | Target Organs |
|----------------------------------------------------------------------------------|----------|-------------------|---------------------------------------------------------------------------|
| Crystalline Silica (Quartz) CAS 14808-60-7) | | Inhalation | May cause damage to organs (lung) through prolonged or repeated exposure. |
| Respirable Tridymite and Cristobalite (other forms of crystalline) (CAS Mixture) | | Inhalation | May cause damage to organs (lung) through prolonged or repeated exposure. |

Potential chronic health effects:

General: Prolonged inhalation of Respirable Crystalline Silica may be harmful. May cause damage to organs (lungs) through prolonged or repeated exposure. There are reports in the literature suggesting that excessive Crystalline Silica exposure may be associated with autoimmune disorders and other adverse health effects involving the kidney. In particular, the incidence of scleroderma (thickening of the skin caused by swelling and the thickening of fibrous tissue) appears to be higher in silicotic individuals. To date, the evidence does not conclusively determine a causal relationship between silica exposure and these adverse health effects.

Section 12. Ecological Information

EcoToxicity:

Not expected to be harmful to aquatic organisms. Discharging sand and gravel dust and fines into waters may increase total suspended (TSP) levels that can be harmful to certain aquatic organisms.

Persistence and degradability: Not applicable.

Bioaccumulative potential: Not applicable.

Mobility in soil: Not applicable.

Other adverse effects: No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, global warming potential) are expected from this component.

Section 13. Disposal Considerations

Disposal methods:

Do not allow fine particulate matter to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with fine particulates. Dispose of contents in accordance with local/regional/national/international regulations.

Hazardous Waste Code:

Not regulated.

Waste from residues/unused product:

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.

Contaminated Packaging:

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty packaging materials should be recycled or disposed of in accordance with applicable regulations and practices.

Section 14. Transport Information

| | DOT Classification | IMDG | IATA |
|----------------------------|--------------------|----------------|----------------|
| UN Number | Not regulated. | Not regulated. | Not regulated. |
| UN Proper shipping name | - | - | - |
| Transport hazard class(es) | - | - | - |
| Packing group | - | - | - |
| Environmental hazards | - | - | - |
| Additional information | - | - | - |

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code.

Section 15. Regulatory Information

U.S. Federal regulations:

OSHA Hazard Communication Standard, 29 CFR 1910.1200:

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200

TSCA Section 12(b) Export Notification (40 CFR 707, Subpart. D):

Not regulated

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):

Not listed

CERCLA Hazardous Substance List (40 CFR 302.4):

Not listed

Clean Air Act Section 112 (b): Hazardous Air Pollutants (HAPs):

Not regulated

Clean Air Act Section 112 (r) Accidental Release Prevention (40 CFR 68.130):

Not regulated

Safe Drinking Water Act (SDWA):

Not regulated

SARA 311/312

Classification: Delayed (chronic) health hazard.

Composition/Information on Ingredients:

| Name | % | Fire Hazard | Sudden Release of Pressure | Reactive | Immediate (acute) Health Hazard | Delayed (chronic) Health Hazard |
|-----------------------------------------------|----|-------------|----------------------------|----------|---------------------------------|---------------------------------|
| Crystalline Silica (Quartz) CAS 14808-60-7 | >1 | No | No | No | No | Yes |

SARA 313 (TRI)

| | Product Name | CAS Number | % |
|----------------------------|-----------------------------|------------|---------------|
| Form R-Report Requirements | Crystalline Silica (Quartz) | 14808-60-7 | Not regulated |

STATE REGULATIONS:

Massachusetts RTK: The following components are listed: Crystalline Silica (Quartz) (CAS 14808-60-7), Respirable Tridymite and Cristobalite (other forms of Crystalline Silica) (CAS Mixture)

New Jersey RTK: The following components are listed: Crystalline Silica (Quartz) (CAS 14808-60-7), Respirable Tridymite and Cristobalite (other forms of Crystalline Silica) (CAS Mixture)

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Rhode Island RTK: Not regulated.

California Prop. 65:

WARNING: This product contains crystalline silica and chemicals (trace metals) known to the State of California to cause cancer.

| Ingredient Name | Cancer | Reproductive | No significant risk level | Maximum acceptable dosage level |
|-----------------------------------------------|--------|--------------|---------------------------|---------------------------------|
| Crystalline Silica (Quartz) CAS 14808-60-7 | Yes | No | No | No |

International Regulations:

| Ingredient Name | CAS # | TSCA | Canada | WHMIS | EEC |
|-----------------------------|------------|------|--------|-------|--------|
| Crystalline Silica (Quartz) | 14808-60-7 | Yes | DSL | D2A | EINECS |

WHMIS Classification:

D2A "Materials Causing Other Toxic Effects"



Section 16. Other Information

HMIS Hazard Ratings

| | |
|--------------------------------|-------------------------------------------------|
| HEALTH | 1 |
| FIRE | 0 |
| REACTIVITY | 0 |
| Personal Protective Equipment: | E: safety glasses, gloves and a dust respirator |

NFPA Rating

| | |
|--------------|---|
| HEALTH | 1 |
| FLAMMABILITY | 0 |
| REACTIVITY | 0 |

Abbreviations:

ACGIH - American Conference of Governmental Industrial Hygienists

CAS - Chemical Abstract Service
CERCLA - Comprehensive Emergency Response and Comprehensive Liability Act
CFR - Code of Federal Regulations
DOT - Department of Transportation
GHS - Globally Harmonized System
HEPA - High Efficiency Particulate Air
IATA - International Air Transport Association
IARC - International Agency for Research on Cancer
IMDG - International Maritime Dangerous Goods
NIOSH - National Institute of Occupational Safety and Health
NOEC - No Observed Effect Concentration
NTP - National Toxicology Program
OSHA - Occupational Safety and Health Administration
PEL - Permissible Exposure Limit
REL - Recommended Exposure Limit
RQ - Reportable Quantity
SARA - Superfund Amendments and Reauthorization Act
SDS - Safety Data Sheet
TLV - Threshold Limit Value
TPQ - Threshold Planning Quantity
TSCA - Toxic Substances Control Act
TWA - Time-Weighted Average
UN - United Nations

Revision Information: Not relevant.

Key Literature References and Sources for Data: No data available.

Training Information: No data available.

Date of Issue/Date of Revision: 11/3/25

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