

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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SECTION 1: Identification

1.1. Identification

Product form : Mixture
Trade name : Reno Gun CX
Product code : 127600

1.2. Recommended use and restrictions on use

Recommended use : Refractory Applications

1.3. Supplier

Manufacturer

Reno Refractories, Inc.
601 Reno Drive
P.O. Box 201
Morris, AL, 35116
United States
T 205-647-0240 - F 205-647-6854

sales@r-ref.com - www.renorefractories.com

1.4. Emergency telephone number

Emergency number : 1-800-262-8200 CHEMTREC

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Serious eye damage/eye irritation Category 2 H319 Causes serious eye irritation

Carcinogenicity Category 1A H350 May cause cancer

Specific target organ toxicity (repeated exposure) Category 1 H372 Causes damage to organs through prolonged or repeated

exposure

Full text of H statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US)





Signal word (GHS US) : Danger

Hazard statements (GHS US) : H319 - Causes serious eye irritation

H350 - May cause cancer

H372 - Causes damage to organs through prolonged or repeated exposure

Precautionary statements (GHS US) : P201 - Obtain special instructions before use.

P202 - Do not handle until all safety precautions have been read and understood.

P260 - Do not breathe dust/fume/gas/mist/vapors/spray.

P264 - Wash hands, forearms and face thoroughly after handling. P270 - Do not eat, drink or smoke when using this product.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

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contact lenses, if present and easy to do. Continue rinsing.

P308+P313 - If exposed or concerned: Get medical advice/attention.

P314 - Get medical advice/attention if you feel unwell.

P337+P313 - If eye irritation persists: Get medical advice/attention.

P501 - Dispose of contents/container to hazardous or special waste collection point, in

accordance with local, regional, national and/or international regulation.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

No additional information available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % | GHS US classification |
|------------------------------------|---------------------|-------------------|-----------------------------------|
| Crystalline silica | CAS-No.: 14808-60-7 | 8.96 – 19.069 | Carc. 1A, H350 STOT RE 1, H372 |
| Silicon carbide | CAS-No.: 409-21-2 | 9.49 – 16 | Carc. 1B, H350 |
| Silica, crystalline – cristobalite | CAS-No.: 14464-46-1 | 3.78 – 7.34 | STOT RE 1, H372 |
| Aluminum sulfate (2:3) | CAS-No.: 10043-01-3 | 0.57 – 2.4 | Eye Dam. 1, H318 |
| Titanium dioxide | CAS-No.: 13463-67-7 | 0.0975 – 0.195 | Carc. 2, H351 |

Full text of hazard classes and H-statements: see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general : IF exposed or concerned: Get medical advice/attention.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Wash skin with plenty of water.

First-aid measures after eye contact : 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.

First-aid measures after ingestion : Call a poison center/doctor/physician if you feel unwell.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after inhalation : Dust of the product, if present, may cause respiratory irritation after an excessive inhalation exposure. Although no appropriate human or animal health effects data are known to exist, this

material is expected to be an inhalation hazard.

Symptoms/effects after skin contact : None under normal conditions. Dust may cause irritation in skin folds or by contact in

combination with tight clothing.

Symptoms/effects after eye contact : Eye irritation.

Symptoms/effects after ingestion : None under normal conditions.

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4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Fire hazard : No fire hazard.

Explosion hazard : No direct explosion hazard. Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper

protective equipment, including respiratory protection.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing

apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material-

damage.

6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Only qualified personnel equipped with suitable protective equipment may intervene. Do not

breathe dust/fume/gas/mist/vapors/spray.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer

to section 8: "Exposure controls/personal protection".

Emergency procedures : Evacuate unnecessary personnel.

6.2. Environmental precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment : Using a clean shovel, put the material in a dry container and cover without compressing it.

Methods for cleaning up : Mechanically recover the product. Notify authorities if product enters sewers or public waters.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed

Precautions for safe handling

- : Not expected to present a significant hazard under anticipated conditions of normal use.
- Ensure good ventilation of the work station. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Wear personal protective equipment. Floors,

walls and other surfaces in the hazard area must be cleaned regularly. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes.

Hygiene measures

Separate working clothes from town clothes. Launder separately. Do not eat, drink or smoke

when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Keep in a cool, well-ventilated place away from heat.

Packaging materials : Store always product in container of same material as original container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Reno Gun CX

No additional information available

Crystalline silica (14808-60-7)

USA - ACGIH - Occupational Exposure Limits

| Local name | Silica crystaline - quartz |
|----------------------|------------------------------------------------------------------------------------|
| ACGIH OEL TWA | 0.025 mg/m³ (Respirable fraction) |
| Remark (ACGIH) | TLV® Basis: Pulm fibrosis; lung cancer. Notations: A2 (Suspected Human Carcinogen) |
| Regulatory reference | ACGIH 2023 |

USA - OSHA - Occupational Exposure Limits

| Local name | Quartz (Respirable) (Silica: Crystalline) |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Remark (OSHA) | Table Z-3. For OSHA PEL (TWA): Use formulas: (250 / (%SiO2+5)) for mppcf and (10 mg/m3 / (%SiO2+2)) for mg/m3. CAS No. source: eCFR Table Z-1. |
| Regulatory reference (US-OSHA) | OSHA Annotated Table Z-3 Mineral Dusts |

Aluminum sulfate (2:3) (10043-01-3)

No additional information available

Titanium dioxide (13463-67-7)

USA - ACGIH - Occupational Exposure Limits

| Local name | Titanium dioxide |
|----------------------|-------------------------------------------------------------------------------------------------------------------|
| ACGIH OEL TWA | 0.2 mg/m³ (Respirable fraction) 2.5 mg/m³ (Respirable fraction) |
| Remark (ACGIH) | TLV® Basis: LRT irr; pneumoconiosis. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans) |
| Regulatory reference | ACGIH 2023 |

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| Titanium dioxide (13463-67-7) | | |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| USA - OSHA - Occupational Exposure Limits | | |
| Local name | Titanium dioxide (Total dust) | |
| OSHA PEL TWA | 15 mg/m³ | |
| Regulatory reference (US-OSHA) | OSHA Annotated Table Z-1 | |
| Silicon carbide (409-21-2) | | |
| USA - ACGIH - Occupational Exposure Limits | | |
| Local name | Silicon carbide | |
| ACGIH OEL TWA | 3 mg/m³ (Respirable fraction. The value is for particulate matter containing no asbestos and < 1% crystalline silica) 0.1 fibers/cm³ (Respirable fibers: length > 5 µm; aspect ratio ≥ 3:1, as determined by the membrane filter method at 400-450X magnification (4-mm objective), using phase-contrast illumination) 10 mg/m³ (Inhalable fraction. The value is for particulate matter containing no asbestos and < 1% crystalline silica) | |
| Remark (ACGIH) | Non fibrous = TLV® Basis: Pulm dam Fibrous (including whiskers) = TLV® Basis: Lung fibrosis; cancer. Notations: A2 (Suspected Human Carcinogen) | |
| Regulatory reference | ACGIH 2023 | |
| USA - OSHA - Occupational Exposure Limits | | |
| Local name | Silicon carbide | |
| OSHA PEL TWA | 15 mg/m³ (Total dust) 5 mg/m³ (Respirable fraction) | |
| Regulatory reference (US-OSHA) | OSHA Annotated Table Z-1 | |
| Silica, crystalline – cristobalite (14464-46-1) | | |
| USA - ACGIH - Occupational Exposure Limits | | |
| Local name | Silica crystaline - cristobalite | |
| ACGIH OEL TWA | 0.025 mg/m³ (Respirable fraction) | |
| Remark (ACGIH) | TLV® Basis: Pulm fibrosis; lung cancer. Notations: A2 (Suspected Human Carcinogen) | |
| Regulatory reference | ACGIH 2023 | |
| USA - OSHA - Occupational Exposure Limits | | |
| Local name | Cristobalite (Silica: Crystalline) | |
| Remark (OSHA) | Table Z-3. For OSHA PEL (TWA): Use $\frac{1}{2}$ the value calculated from the count or mass formulae for quartz. CAS No. source: eCFR Table Z-1. | |
| Regulatory reference (US-OSHA) | OSHA Annotated Table Z-3 Mineral Dusts | |

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Wear recommended personal protective equipment.

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Hand protection:

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection.

Personal protective equipment symbol(s):







SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Solid

Appearance : Granular powder.

Color : Gray
Odor : Odourless

Odor threshold No data available No data available рΗ Melting point No data available Freezing point Not applicable Boiling point No data available Flash point Not applicable Relative evaporation rate (butyl acetate=1) : No data available Flammability (solid, gas) : Non flammable. Vapor pressure : No data available Relative vapor density at 20°C : No data available Relative density : 1.3 – 1.6

Solubility Water: < 0.1 % Partition coefficient n-octanol/water (Log Pow) : No data available Auto-ignition temperature Not applicable Decomposition temperature No data available Viscosity, kinematic Not applicable No data available Viscosity, dynamic **Explosion limits** : Not applicable Explosive properties : No data available Oxidizing properties : No data available

9.2. Other information

VOC content : 0 %

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SECTION 10: Stability and reactivity

10.1. Reactivity

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

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

| Aluminum sulfate (2:3) (10043-01-3) | |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LD50 oral rat | 2000 – 5000 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Hydrate form, Oral, 14 day(s)) |
| LD50 dermal rabbit | > 5000 mg/kg body weight (Equivalent or similar to OECD 402, 24 h, Rabbit, Male / female, Experimental value, Hydrate form, Dermal, 14 day(s)) |
| LC50 Inhalation - Rat | > 5 mg/l air (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male / female, Experimental value of similar product, Aqueous solution, Inhalation (aerosol), 14 day(s)) |
| ATE US (oral) | 2000 mg/kg body weight |

| Titanium dioxide (13463-67-7) | |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------|
| LD50 oral rat | > 2000 mg/kg body weight (OECD 401: Acute Oral Toxicity, Rat, Male / female, Experimental value, Oral, 14 day(s)) |
| LC50 Inhalation - Rat | > 5.09 mg/l (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male, Experimental value, Inhalation (dust), 14 day(s)) |

| Silicon carbide (409-21-2) | |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| | > 2000 mg/kg body weight (OECD 423: Acute Oral Toxicity – Acute Toxic Class Method, Rat, Female, Experimental value, Oral, 14 day(s)) |
| LD50 dermal rat | > 2000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal) |

Skin corrosion/irritation : Not classified

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|-------------------------------------------------|---------------------------------------------------------------------------------|
| Crystalline silica (14808-60-7) | |
| рН | 6 – 7 |
| Aluminum sulfate (2:3) (10043-01-3) | |
| рН | 2.9 |
| Titanium dioxide (13463-67-7) | |
| рН | 7 (aqueous suspension, 10 %) |
| Silicon carbide (409-21-2) | |
| рН | Not applicable (non-soluble in water), CIPAC MT 75: Determination of pH |
| Silica, crystalline – cristobalite (14464-46-1) | |
| pH | 6 – 7 |
| Serious eye damage/irritation : | Causes serious eye irritation. |
| Crystalline silica (14808-60-7) | dades serious eye imation. |
| pH | 6 – 7 |
| <u>'</u> | |
| Aluminum sulfate (2:3) (10043-01-3) | |
| pH | 2.9 |
| Titanium dioxide (13463-67-7) | |
| рН | 7 (aqueous suspension, 10 %) |
| Silicon carbide (409-21-2) | |
| рН | Not applicable (non-soluble in water), CIPAC MT 75: Determination of pH |
| Silica, crystalline – cristobalite (14464-46-1) | |
| рН | 6 – 7 |
| Respiratory or skin sensitization : | Not classified |
| Germ cell mutagenicity : | Not classified |
| Carcinogenicity : | May cause cancer. |
| Crystalline silica (14808-60-7) | 1. Carsinggenia to humana |
| IARC group | 1 - Carcinogenic to humans |
| Titanium dioxide (13463-67-7) | |
| IARC group | 2B - Possibly carcinogenic to humans |
| Silicon carbide (409-21-2) | |
| IARC group | 2A - Probably carcinogenic to humans |
| • | Not classified |
| STOT-single exposure : STOT-repeated exposure : | Not classified Causes damage to organs through prolonged or repeated exposure. |
| Crystalline silica (14808-60-7) | 0 0 |
| STOT-repeated exposure | Causes damage to organs through prolonged or repeated exposure. |
| Silica, crystalline – cristobalite (14464-46-1) | |
| STOT-repeated exposure | Causes damage to organs through prolonged or repeated exposure. |
| Aspiration hazard : | Not classified |
| Viscosity, kinematic : | Not applicable |

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| Crystalline silica (14808-60-7) | | |
|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Viscosity, kinematic | Not applicable (solid) | |
| Aluminum sulfate (2:3) (10043-01-3) | | |
| Viscosity, kinematic | Not applicable (solid) | |
| Titanium dioxide (13463-67-7) | | |
| Viscosity, kinematic | Not applicable | |
| Silicon carbide (409-21-2) | | |
| Viscosity, kinematic | Not applicable (solid) | |
| Silica, crystalline – cristobalite (14464-46-1) | | |
| Viscosity, kinematic | Not applicable | |
| Symptoms/effects after inhalation : | Dust of the product, if present, may cause respiratory irritation after an excessive inhalation exposure. Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard. | |
| Symptoms/effects after skin contact : | None under normal conditions. Dust may cause irritation in skin folds or by contact in combination with tight clothing. | |
| Symptoms/effects after eye contact : Symptoms/effects after ingestion : | Eye irritation. None under normal conditions. | |

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

| Aluminum sulfate (2:3) (10043-01-3) | | |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| LC50 - Fish [1] | > 87.5 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Danio rerio, Semi-static system, Fresh water, Experimental value, Aluminium) | |
| EC50 - Crustacea [1] | > 200 mg/l (Equivalent or similar to OECD 202, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect) | |
| ErC50 algae | 14 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, Nominal concentration) | |
| Titanium dioxide (13463-67-7) | | |
| LC50 - Fish [1] | > 300 mg/l (Danio rerio, Fresh water, Literature study, Nominal concentration) | |
| EC50 - Crustacea [1] | > 100 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect) | |
| Silicon carbide (409-21-2) | | |
| ErC50 algae | > 100 mg/l (OECD 201: Alga, Growth Inhibition Test, 48 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, GLP) | |

12.2. Persistence and degradability

| Crystalline silica (14808-60-7) | |
|---------------------------------|-----------------------------------|
| Persistence and degradability | Biodegradability: not applicable. |
| Chemical oxygen demand (COD) | Not applicable (inorganic) |

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| Crystalline silica (14808-60-7) | | |
|------------------------------------------|------------------------------------------------------------------------|--|
| ThOD | Not applicable (inorganic) | |
| Aluminum sulfate (2:3) (10043-01-3) | | |
| Persistence and degradability | Biodegradability: not applicable. | |
| Chemical oxygen demand (COD) | Not applicable (inorganic) | |
| ThOD | Not applicable (inorganic) | |
| Titanium dioxide (13463-67-7) | | |
| Persistence and degradability | Biodegradability: not applicable. | |
| Chemical oxygen demand (COD) | Not applicable (inorganic) | |
| ThOD | Not applicable (inorganic) | |
| Silicon carbide (409-21-2) | | |
| Persistence and degradability | Biodegradability: not applicable. | |
| Chemical oxygen demand (COD) | Not applicable (inorganic) | |
| ThOD | Not applicable (inorganic) | |
| Silica, crystalline – cristobalite (1446 | 1-46-1) | |
| Persistence and degradability | Biodegradability: not applicable. | |
| Chemical oxygen demand (COD) | Not applicable | |
| ThOD | Not applicable | |
| BOD (% of ThOD) | Not applicable | |
| 12.3. Bioaccumulative potential | | |
| Crystalline silica (14808-60-7) | | |
| Bioaccumulative potential | Bioaccumulation: not applicable. | |
| Aluminum sulfate (2:3) (10043-01-3) | | |
| Bioaccumulative potential | Not bioaccumulative. | |
| Titanium dioxide (13463-67-7) | | |
| Bioaccumulative potential | Not bioaccumulative. | |
| Silicon carbide (409-21-2) | | |
| Bioaccumulative potential | Not bioaccumulative. | |
| Silica, crystalline – cristobalite (1446 | 1-46-1) | |
| Bioaccumulative potential | No test data available. | |
| 12.4. Mobility in soil | | |
| Crystalline silica (14808-60-7) | | |
| Ecology - soil | No (test)data on mobility of the substance available. | |
| Aluminum sulfate (2:3) (10043-01-3) | | |
| Surface tension | 73 mN/m (20 °C, 1 g/l, OECD 115: Surface Tension of Aqueous Solutions) | |

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| Aluminum sulfate (2:3) (10043-01-3) | | |
|-------------------------------------------------|-------------------------------------------------------|--|
| Ecology - soil | No (test)data on mobility of the substance available. | |
| Titanium dioxide (13463-67-7) | | |
| Surface tension | No data available in the literature | |
| Ecology - soil | Low potential for mobility in soil. | |
| Silicon carbide (409-21-2) | | |
| Surface tension | No data available in the literature | |
| Ecology - soil | Low potential for adsorption in soil. | |
| Silica, crystalline – cristobalite (14464-46-1) | | |
| Ecology - soil | No (test)data on mobility of the substance available. | |

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Regional waste regulation : Disposal must be done according to official regulations.

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Sewage disposal recommendations : Disposal must be done according to official regulations.

Product/Packaging disposal recommendations : Comply with applicable regulations for solid waste disposal. Disposal must be done according to

official regulations.

Additional information : Do not re-use empty containers.

SECTION 14: Transport information

In accordance with DOT / TDG / IMDG / IATA

14.1. UN number

Not regulated for transport

14.2. UN proper shipping name

Proper Shipping Name (DOT) : Not applicable
Proper Shipping Name (TDG) : Not applicable
Proper Shipping Name (IMDG) : Not applicable
Proper Shipping Name (IATA) : Not applicable

14.3. Transport hazard class(es)

DOT

Transport hazard class(es) (DOT) : Not applicable

TDG

Transport hazard class(es) (TDG) : Not applicable

IMDG

Transport hazard class(es) (IMDG) : Not applicable

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IATA

Transport hazard class(es) (IATA) : Not applicable

14.4. Packing group

Packing group (DOT) : Not applicable
Packing group (TDG) : Not applicable
Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

DOT

No data available

TDG

No data available

IMDG

No data available

ΙΔΤΔ

No data available

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

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

Aluminum sulfate (2:3) (10043-01-3)

CERCLA RQ 5000 lb

15.2. International regulations

CANADA

Crystalline silica (14808-60-7)

Listed on the Canadian DSL (Domestic Substances List)

Aluminum sulfate (2:3) (10043-01-3)

Listed on the Canadian DSL (Domestic Substances List)

Titanium dioxide (13463-67-7)

Listed on the Canadian DSL (Domestic Substances List)

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Silicon carbide (409-21-2)

Listed on the Canadian DSL (Domestic Substances List)

Silica, crystalline – cristobalite (14464-46-1)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

Crystalline silica (14808-60-7)

Listed on IARC (International Agency for Research on Cancer)

Titanium dioxide (13463-67-7)

Listed on IARC (International Agency for Research on Cancer)

Silicon carbide (409-21-2)

Listed on IARC (International Agency for Research on Cancer)

15.3. US State regulations

| Component | State or local regulations |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Crystalline silica(14808-60-7) | U.S Massachusetts - Right To Know List; U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List |
| Aluminum sulfate (2:3)(10043-01-3) | U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List |
| Titanium dioxide(13463-67-7) | U.S Massachusetts - Right To Know List; U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List |
| Silicon carbide(409-21-2) | U.S Massachusetts - Right To Know List; U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List |
| Silica, crystalline – cristobalite(14464-46-1) | U.S Massachusetts - Right To Know List; U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List |

SECTION 16: Other information

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| Full text of H-phrases | |
|------------------------|----------------------------------------------------------------|
| H318 | Causes serious eye damage |
| H319 | Causes serious eye irritation |
| H350 | May cause cancer |
| H351 | Suspected of causing cancer |
| H372 | Causes damage to organs through prolonged or repeated exposure |

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Reno Safety Data Sheet (SDS), USA

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