



# SAFETY DATA SHEET

## 1. Identification

**Material name:** Pigment Pack-Common Grey (24/cs) 1#  
**Material:** 101 PIGPK D COMMON

### Recommended use and restriction on use

**Recommended use:** Pigment  
**Restrictions on use:** Not known.

### Manufacturer/Importer/Supplier/Distributor Information

Euclid Admixture Canada Inc.  
2835 Grand-Allee  
Saint Hubert QC J4T 2R4  
CA

**Contact person:** EH&S Department  
**Telephone:** (450)465-2233  
**Emergency telephone number:** 1-800-424-9300 (US); 1-613-996-6666 (Canada)

## 2. Hazard(s) identification

### Hazard Classification

#### Health Hazards

|  |                         |
|--|-------------------------|
| Carcinogenicity                                    | Category 1A             |
| Specific Target Organ Toxicity - Repeated Exposure | Category 1 <sup>1</sup> |

#### Target Organs

- Lung

#### Unknown toxicity - Health

|  |         |
|--|---------|
| Acute toxicity, oral                     | 23.04 % |
| Acute toxicity, dermal                   | 99.9 %  |
| Acute toxicity, inhalation, vapor        | 100 %   |
| Acute toxicity, inhalation, dust or mist | 36.67 % |

### Environmental Hazards

|  |            |
|--|------------|
| Acute hazards to the aquatic environment   | Category 3 |
| Chronic hazards to the aquatic environment | Category 3 |

#### Unknown toxicity - Environment

|  |         |
|--|---------|
| Acute hazards to the aquatic environment   | 90.13 % |
| Chronic hazards to the aquatic environment | 90.13 % |

**Label Elements****Hazard Symbol:****Signal Word:** Danger**Hazard Statement:** May cause cancer.  
Causes damage to organs through prolonged or repeated exposure.  
Harmful to aquatic life with long lasting effects.**Precautionary Statements****Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment. Use personal protective equipment as required.**Response:** IF exposed or concerned: Get medical advice/attention.**Storage:** Store locked up.**Disposal:** Dispose of contents/ container to an approved facility in accordance with local, regional, national and international regulations.**Hazard(s) not otherwise classified (HNOC):** None.**3. Composition/information on ingredients****Mixtures**

| Chemical Identity                        | CAS number | Content in percent (%)* |
|--|------------|-------------------------|
| Crystalline Silica (Quartz)/ Silica Sand | 14808-60-7 | 50 - <100%              |
| Calcium Carbonate (Limestone)            | 1317-65-3  | 20 - <50%               |
| Titanium dioxide                         | 13463-67-7 | 5 - <10%                |
| CI Pigment Blue 28                       | 1345-16-0  | 1 - <5%                 |
| Aluminum oxide                           | 1344-28-1  | 0.1 - <1%               |

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

**4. First-aid measures**

**Description of necessary first-aid measures**

|  |   |
|--|---|
| <b>Inhalation:</b>                                   | Move to fresh air.  |
| <b>Skin Contact:</b>                                 | Remove contaminated clothing and wash the skin thoroughly with soap and water after work.     |
| <b>Eye contact:</b>                                  | Rinse immediately with plenty of water.   |
| <b>Ingestion:</b>                                    | Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.                                  |
| <b>Personal Protection for First-aid Responders:</b> | Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |

**Most important symptoms/effects, acute and delayed**

|                  |                                    |
|------------------|------------------------------------|
| <b>Symptoms:</b> | May cause skin and eye irritation. |
| <b>Hazards:</b>  | No data available.                 |

**Indication of immediate medical attention and special treatment needed**

|                   |                          |
|-------------------|--------------------------|
| <b>Treatment:</b> | Symptoms may be delayed. |
|-------------------|--------------------------|

**5. Fire-fighting measures**

|                              |   |
|------------------------------|---|
| <b>General Fire Hazards:</b> | No unusual fire or explosion hazards noted. |
|------------------------------|---|

**Suitable (and unsuitable) extinguishing media**

|  |  |
|--|--|
| <b>Suitable extinguishing media:</b>               | Use fire-extinguishing media appropriate for surrounding materials.    |
| <b>Unsuitable extinguishing media:</b>             | Do not use water jet as an extinguisher, as this will spread the fire. |
| <b>Specific hazards arising from the chemical:</b> | During fire, gases hazardous to health may be formed.                  |

**Special protective equipment and precautions for fire-fighters**

|  |   |
|--|---|
| <b>Special fire-fighting procedures:</b>               | No data available.  |
| <b>Special protective equipment for fire-fighters:</b> | Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |

**6. Accidental release measures**

|   |                    |
|---|--------------------|
| <b>Personal precautions, protective equipment and emergency procedures:</b> | No data available. |
|---|--------------------|



|  |  |
|--|--|
| <b>Accidental release measures:</b>                          | In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.          |
| <b>Methods and material for containment and cleaning up:</b> | Collect spillage in containers, seal securely and deliver for disposal according to local regulations.                             |
| <b>Environmental Precautions:</b>                            | Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so. Avoid release to the environment. |

## 7. Handling and storage

### Handling

|   |   |
|---|---|
| <b>Technical measures (e.g. Local and general ventilation):</b> | Mechanical ventilation or local exhaust ventilation may be required. Observe good industrial hygiene practices. Observe occupational exposure limits and minimize the risk of inhalation of dust.   |
| <b>Safe handling advice:</b>                                    | Wash hands thoroughly after handling. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Use personal protective equipment as required. Ventilate well, avoid breathing vapors. Use approved respirator if air contamination is above accepted level. Use mechanical ventilation in case of handling which causes formation of dust. |
| <b>Contact avoidance measures:</b>                              | No data available.  |
| <b>Hygiene measures:</b>  | Observe good industrial hygiene practices. Wash hands before breaks and immediately after handling the product.   |

### Storage

|                                  |                    |
|----------------------------------|--------------------|
| <b>Safe storage conditions:</b>  | Store locked up.   |
| <b>Safe packaging materials:</b> | No data available. |

## 8. Exposure controls/personal protection

### Control Parameters

#### Occupational Exposure Limits

| Chemical Identity  | Type         | Exposure Limit Values                                    | Source   |
|--|--------------|--|--|
| Crystalline Silica (Quartz)/<br>Silica Sand - Respirable dust. | TWA          | 0.05 mg/m <sup>3</sup>                                   | US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053), as amended (03 2016) |
|  | OSHA_AC<br>T | 0.025 mg/m <sup>3</sup>                                  | US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053), as amended (03 2016) |
| Crystalline Silica (Quartz)/<br>Silica Sand - Respirable dust. | PEL          | 0.05 mg/m <sup>3</sup>                                   | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended (03 2016)  |
| Crystalline Silica (Quartz)/<br>Silica Sand - Respirable.      | TWA          | 2.4 millions<br>of particles<br>per cubic foot<br>of air | US. OSHA Table Z-3 (29 CFR 1910.1000), as amended (2000)                                 |
|  | TWA          | 0.1 mg/m <sup>3</sup>                                    | US. OSHA Table Z-3 (29 CFR 1910.1000), as amended (2000)                                 |
| Crystalline Silica (Quartz)/<br>Silica Sand - Respirable       | TWA          | 0.025 mg/m <sup>3</sup>                                  | US. ACGIH Threshold Limit Values, as amended (02 2020)                                   |



|  |     |  |   |
|--|-----|--|---|
| fraction.  |     |  |   |
| Calcium Carbonate (Limestone) - Total dust.          | PEL | 15 mg/m <sup>3</sup>                           | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended (02 2006) |
| Calcium Carbonate (Limestone) - Respirable fraction. | PEL | 5 mg/m <sup>3</sup>                            | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended (02 2006) |
| Titanium dioxide - Total dust.                       | PEL | 15 mg/m <sup>3</sup>                           | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended (02 2006) |
| Titanium dioxide - Respirable fraction.              | TWA | 15 millions of particles per cubic foot of air | US. OSHA Table Z-3 (29 CFR 1910.1000), as amended (03 2016)                             |
| Titanium dioxide - Total dust.                       | TWA | 15 mg/m <sup>3</sup>                           | US. OSHA Table Z-3 (29 CFR 1910.1000), as amended (03 2016)                             |
| Titanium dioxide - Respirable fraction.              | TWA | 5 mg/m <sup>3</sup>                            | US. OSHA Table Z-3 (29 CFR 1910.1000), as amended (03 2016)                             |
| Titanium dioxide - Total dust.                       | TWA | 50 millions of particles per cubic foot of air | US. OSHA Table Z-3 (29 CFR 1910.1000), as amended (03 2016)                             |
| Titanium dioxide - Respirable finescale particles    | TWA | 2.5 mg/m <sup>3</sup>                          | US. ACGIH Threshold Limit Values, as amended (01 2022)                                  |
| Titanium dioxide - Respirable nanoscale particles    | TWA | 0.2 mg/m <sup>3</sup>                          | US. ACGIH Threshold Limit Values, as amended (01 2022)                                  |
| CI Pigment Blue 28 - Inhalable fraction. - as Co     | TWA | 0.02 mg/m <sup>3</sup>                         | US. ACGIH Threshold Limit Values, as amended (01 2021)                                  |
| Aluminum oxide - Respirable fraction.                | TWA | 1 mg/m <sup>3</sup>                            | US. ACGIH Threshold Limit Values, as amended (2011)                                     |
|  | PEL | 5 mg/m <sup>3</sup>                            | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended (02 2006) |
| Aluminum oxide - Total dust.                         | PEL | 15 mg/m <sup>3</sup>                           | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended (02 2006) |
|  | TWA | 50 millions of particles per cubic foot of air | US. OSHA Table Z-3 (29 CFR 1910.1000), as amended (03 2016)                             |
| Aluminum oxide - Respirable fraction.                | TWA | 15 millions of particles per cubic foot of air | US. OSHA Table Z-3 (29 CFR 1910.1000), as amended (03 2016)                             |
|  | TWA | 5 mg/m <sup>3</sup>                            | US. OSHA Table Z-3 (29 CFR 1910.1000), as amended (03 2016)                             |
| Aluminum oxide - Total dust.                         | TWA | 15 mg/m <sup>3</sup>                           | US. OSHA Table Z-3 (29 CFR 1910.1000), as amended (03 2016)                             |
| Aluminum oxide - Inhalable particles.                | TWA | 10 mg/m <sup>3</sup>                           | US. ACGIH Threshold Limit Values, as amended (01 2021)                                  |
| Aluminum oxide - Respirable particles.               | TWA | 3 mg/m <sup>3</sup>                            | US. ACGIH Threshold Limit Values, as amended (01 2021)                                  |

| Chemical name   | Type | Exposure Limit Values  | Source  |
|---|------|------------------------|---|
| Crystalline Silica (Quartz)/ Silica Sand - Respirable fraction. | TWA  | 0.10 mg/m <sup>3</sup> | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents), as amended (06 2015)                    |
| Crystalline Silica (Quartz)/ Silica Sand - Respirable dust.     | TWA  | 0.1 mg/m <sup>3</sup>  | Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety), as amended (09 2017) |
|   | TWA  | 0.05 mg/m <sup>3</sup> | Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety), as amended (04 2022) |



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|   |      |             |  |
|---|------|-------------|--|
| Crystalline Silica (Quartz)/<br>Silica Sand - Respirable<br>fraction. | TWA  | 0.025 mg/m3 | Canada. British Columbia OELs: Table of<br>Exposure Limits for Chemical Biological<br>Substances (Workers Compensation Board);<br>as amended (08 2023) |
| Calcium Carbonate<br>(Limestone) - Total dust.                        | STEL | 20 mg/m3    | Canada. British Columbia OELs: Table of<br>Exposure Limits for Chemical Biological<br>Substances (Workers Compensation Board);<br>as amended (07 2007) |
|   | TWA  | 10 mg/m3    | Canada. British Columbia OELs: Table of<br>Exposure Limits for Chemical Biological<br>Substances (Workers Compensation Board);<br>as amended (07 2007) |



|  |     |            |   |
|--|-----|------------|---|
| Calcium Carbonate (Limestone) - Respirable fraction. | TWA | 3 mg/m3    | Canada. British Columbia OELs: Table of Exposure Limits for Chemical Biological Substances (Workers Compensation Board); as amended (07 2007) |
| Calcium Carbonate (Limestone) - Total dust.          | TWA | 10 mg/m3   | Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety), as amended (09 2017)                         |
| Titanium dioxide - Total dust.                       | TWA | 10 mg/m3   | Canada. British Columbia OELs: Table of Exposure Limits for Chemical Biological Substances (Workers Compensation Board); as amended (07 2007) |
| Titanium dioxide - Respirable fraction.              | TWA | 3 mg/m3    | Canada. British Columbia OELs: Table of Exposure Limits for Chemical Biological Substances (Workers Compensation Board); as amended (07 2007) |
| Titanium dioxide                                     | TWA | 10 mg/m3   | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents), as amended (11 2010)  |
| Titanium dioxide - Total dust.                       | TWA | 10 mg/m3   | Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety), as amended (09 2017)                         |
| CI Pigment Blue 28 - as Co                           | TWA | 0.02 mg/m3 | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents), as amended (11 2010)  |
| CI Pigment Blue 28 - as Co                           | TWA | 0.02 mg/m3 | Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety), as amended (09 2017)                         |
| CI Pigment Blue 28 - Total - as Co                   | TWA | 0.02 mg/m3 | Canada. British Columbia OELs: Table of Exposure Limits for Chemical Biological Substances (Workers Compensation Board); as amended (06 2022) |
| CI Pigment Blue 28 - Respirable dust.                | TWA | 5 mg/m3    | Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety), as amended (04 2022)                         |
| Aluminum oxide - Respirable fraction.                | TWA | 1 mg/m3    | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents), as amended (11 2010)  |
| Aluminum oxide - Inhalable fraction.                 | TWA | 10 mg/m3   | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents), as amended (06 2015)  |
| Aluminum oxide - Respirable fraction.                | TWA | 3 mg/m3    | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents), as amended (06 2015)  |
| Aluminum oxide - Total dust.                         | TWA | 10 mg/m3   | Canada. British Columbia OELs: Table of Exposure Limits for Chemical Biological Substances (Workers Compensation Board); as amended (06 2020) |
| Aluminum oxide - Inhalable particles.                | TWA | 10 mg/m3   | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents), as amended (01 2020)  |
| Aluminum oxide - Respirable particles.               | TWA | 3 mg/m3    | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents), as amended (01 2020)  |
| Aluminum oxide - Respirable fraction.                | TWA | 3 mg/m3    | Canada. British Columbia OELs: Table of Exposure Limits for Chemical Biological Substances (Workers Compensation Board); as amended (06 2020) |
| Aluminum oxide - Respirable.                         | TWA | 1.0 mg/m3  | Canada. British Columbia OELs: Table of Exposure Limits for Chemical Biological Substances (Workers Compensation Board); as amended (06 2022) |
| Aluminum oxide - Total dust.                         | TWA | 10 mg/m3   | Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety), as amended (04 2022)                         |
| Aluminum oxide - Respirable dust.                    | TWA | 5 mg/m3    | Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety), as amended (04 2022)                         |

**Biological Limit Values**

| Chemical Identity   | Exposure Limit Values | Source              |
|---|-----------------------|---------------------|
| CI Pigment Blue 28 (Cobalt:<br>Sampling time: End of shift at<br>end of work week.) | 15 µg/l (Urine)       | ACGIH BEI (03 2015) |

**Appropriate Engineering Controls**

Mechanical ventilation or local exhaust ventilation may be required. Observe good industrial hygiene practices. Observe occupational exposure limits and minimize the risk of inhalation of dust.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection:** Wear goggles/face shield.

**Skin Protection**

**Hand Protection:** Additional Information: Use suitable protective gloves if risk of skin contact.

**Skin and Body Protection:** No data available.

**Respiratory Protection:** In case of inadequate ventilation use suitable respirator. Seek advice from local supervisor.

**Hygiene measures:** Observe good industrial hygiene practices. Wash hands before breaks and immediately after handling the product.

**9. Physical and chemical properties****Appearance**

**Physical state:** solid  
**Form:** Powder  
**Color:** Various

**Odor:** Odorless

**Odor threshold:** No data available.

**pH:** No data available.

**Melting point/freezing point:** No data available.

**Initial boiling point and boiling range:** No data available.

**Flash Point:** No data available.

**Evaporation rate:** No data available.

**Flammability (solid, gas):** No

**Upper/lower limit on flammability or explosive limits**

**Flammability limit - upper (%):** No data available.

**Flammability limit - lower (%):** No data available.

**Explosive limit - upper:** No data available.

**Explosive limit - lower:** No data available.

**Vapor pressure:** No data available.

**Vapor density:** No data available.

**Relative density:** 2.65

**Solubility(ies)****Solubility in water:** Miscible with water.**Solubility (other):** No data available.**Partition coefficient (n-octanol/water):** No data available.**Auto-ignition temperature:** No data available.**Decomposition temperature:** No data available.**Viscosity:** No data available.**10. Stability and reactivity****Reactivity:** No data available.**Chemical Stability:** Material is stable under normal conditions.**Possibility of hazardous reactions:** No data available.**Conditions to avoid:** Avoid heat or contamination.**Incompatible Materials:** No data available.**Hazardous Decomposition Products:** Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.**11. Toxicological information****Information on likely routes of exposure****Inhalation:** In high concentrations, vapors, fumes or mists may irritate nose, throat and mucus membranes.**Skin Contact:** Moderately irritating to skin with prolonged exposure.**Eye contact:** Eye contact is possible and should be avoided.**Ingestion:** May be harmful if swallowed.**Symptoms related to the physical, chemical and toxicological characteristics****Inhalation:** No data available.**Skin Contact:** No data available.**Eye contact:** No data available.**Ingestion:** No data available.**Information on toxicological effects****Acute toxicity (list all possible routes of exposure)****Oral****Product:** ATEmix: 2,449.67 mg/kg

**Dermal  
Product:****Inhalation  
Product:****Specified substance(s):**

|   |                        |
|---|------------------------|
| Crystalline Silica<br>(Quartz)/ Silica Sand | LC 50: > 5.0 mg/l      |
| Titanium dioxide                            | LC 50 (Rat): 3.43 mg/l |
| Aluminum oxide                              | LC 50 (Rat): 7.6 mg/l  |

**Repeated dose toxicity****Product:** No data available.**Skin Corrosion/Irritation****Product:** No data available.**Specified substance(s):**

|                    |  |
|--------------------|--|
| Titanium dioxide   | in vivo (Rabbit): Not irritant , 24 h      |
| CI Pigment Blue 28 | in vivo (Rabbit): Not irritant , 24 - 72 h |
| Aluminum oxide     | in vivo (Rabbit): Not irritant , 24 - 72 h |

**Serious Eye Damage/Eye Irritation****Product:** No data available.**Specified substance(s):**

|                    |                                 |
|--------------------|---------------------------------|
| Titanium dioxide   | Rabbit, 24 - 72 h: Not irritant |
| CI Pigment Blue 28 | Rabbit, 24 - 72 h: Not irritant |
| Aluminum oxide     | Rabbit, 24 - 72 h: Not irritant |

**Respiratory or Skin Sensitization****Product:** No data available.**Carcinogenicity****Product:** No data available.



**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**

|  |  |
|--|--|
| Crystalline Silica<br>(Quartz)/ Silica<br>Sand | Overall evaluation: Carcinogenic to humans.          |
| Titanium dioxide                               | Overall evaluation: Possibly carcinogenic to humans. |

**US. National Toxicology Program (NTP) Report on Carcinogens:**

|  |  |
|--|--|
| Crystalline Silica<br>(Quartz)/ Silica<br>Sand | Known To Be Human Carcinogen.                    |
| CI Pigment Blue 28                             | Reasonably Anticipated to be a Human Carcinogen. |

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053), as amended:**

|  |        |
|--|--------|
| Crystalline Silica<br>(Quartz)/ Silica<br>Sand | Cancer |
|--|--------|

**Germ Cell Mutagenicity**

**In vitro**  
**Product:** No data available.

**In vivo**  
**Product:** No data available.

**Reproductive toxicity**  
**Product:** No data available.

**Specific Target Organ Toxicity - Single Exposure**  
**Product:** No data available.

**Specific Target Organ Toxicity - Repeated Exposure**  
**Product:** No data available.

**Target Organs**  
Specific Target Organ Toxicity - Repeated Exposure: Lung

**Aspiration Hazard**  
**Product:** No data available.

**Other effects:**

Constituents of this product may include crystalline silica which, if in inhalable form, may cause silicosis, a form of progressive pulmonary fibrosis. Inhalable crystalline silica is listed by IARC as a group I carcinogen (lung) based on sufficient evidence in occupationally exposed humans and sufficient evidence in animals. Crystalline silica is also listed by the NTP as a known human carcinogen. Constituents may also contain asbestiform or non-asbestiform tremolite or other silicates as impurities, and above de minimis exposure to these impurities in inhalable form may be carcinogenic or cause other serious lung problems.

**12. Ecological information****Ecotoxicity:****Acute hazards to the aquatic environment:****Fish**

**Product:** No data available.

**Specified substance(s):**

Titanium dioxide LC 50 (Oryzias latipes, 96 h): 155 mg/l

**Aquatic Invertebrates**

**Product:** No data available.

**Specified substance(s):**

Titanium dioxide EC 50 (Ceriodaphnia dubia, 48 h): 6.47 mg/l Experimental result, Weight of evidence

**Chronic hazards to the aquatic environment:****Fish**

**Product:** No data available.

**Specified substance(s):**

Titanium dioxide NOEL (Danio rerio): 80 mg/l experimental result

**Aquatic Invertebrates**

**Product:** No data available.

**Toxicity to Aquatic Plants**

**Product:** No data available.

**Persistence and Degradability****Biodegradation**

**Product:** No data available.

**BOD/COD Ratio**

**Product:** No data available.



**Bioaccumulative potential**

**Bioconcentration Factor (BCF)**

**Product:** No data available.

**Partition Coefficient n-octanol / water (log Kow)**

**Product:** No data available.

**Mobility in soil:** No data available.

**Other adverse effects:** Harmful to aquatic life with long lasting effects.

**13. Disposal considerations**

**Disposal methods:** Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**Contaminated Packaging:** No data available.

**14. Transport information**

**TDG:**

Not Regulated

**CFR / DOT:**

Not Regulated

**IMDG:**

Not Regulated

**Further Information:**

The above shipping description may not be accurate for all container sizes and all modes of transportation. Please refer to Bill of Lading.

**15. Regulatory information**

**US Federal Regulations**

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

None present or none present in regulated quantities.

**US. Toxic Substances Control Act (TSCA) Section 5(a)(2) Final Significant New Use Rules (SNURs) (40 CFR 721, Subpt E)**



None present or none present in regulated quantities.

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053), as amended**

| <u>Chemical Identity</u>                    | <u>OSHA hazard(s)</u>   |
|---|---|
| Crystalline Silica<br>(Quartz)/ Silica Sand | kidney effects<br>lung effects<br>immune system effects<br>Cancer |

**CERCLA Hazardous Substance List (40 CFR 302.4):**

| <u>Chemical Identity</u> | <u>Reportable quantity</u> |
|--------------------------|----------------------------|
|--------------------------|----------------------------|

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories**

Delayed (Chronic) Health Hazard  
Carcinogenicity  
Specific target organ toxicity (single or repeated exposure)

**US. EPCRA (SARA Title III) Section 304 Extremely Hazardous Substances Reporting Quantities and the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Hazardous Substances**

Not Regulated.

**US. EPCRA (SARA Title III Section 313 Toxic Chemical Release Inventory (TRI) Reporting**

| <u>Chemical Identity</u> | <u>% by weight</u> |
|--------------------------|--------------------|
| CI Pigment Blue 28       | 0.1%               |

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

None present or none present in regulated quantities.

**Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)**

None present or none present in regulated quantities.

**US State Regulations**

**US. California Proposition 65**



**WARNING**

Cancer - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

**International regulations**

**Montreal protocol**

Not applicable

**Stockholm convention**

Not applicable

**Rotterdam convention**

Not applicable



**Kyoto protocol**  
Not applicable

**VOC:**  
Regulatory VOC (less water and  
exempt solvent) : 0 g/l  
VOC Method 310 : 0.00 %

**Inventory Status:**

|  |  |
|--|--|
| Australia Industrial Chem. Act (AIC):    | One or more components in this product are not listed on or exempt from the Inventory. |
| Canada DSL Inventory List:               | All components in this product are listed on or exempt from the Inventory.             |
| Canada NDSL Inventory:                   | One or more components in this product are not listed on or exempt from the Inventory. |
| Ontario Inventory:                       | One or more components in this product are not listed on or exempt from the Inventory. |
| China Inv. Existing Chemical Substances: | All components in this product are listed on or exempt from the Inventory.             |
| Japan (ENCS) List:                       | One or more components in this product are not listed on or exempt from the Inventory. |
| Japan ISHL Listing:                      | One or more components in this product are not listed on or exempt from the Inventory. |
| Japan Pharmacopoeia Listing:             | One or more components in this product are not listed on or exempt from the Inventory. |
| Korea Existing Chemicals Inv. (KECI):    | All components in this product are listed on or exempt from the Inventory.             |
| Mexico INSQ:                             | All components in this product are listed on or exempt from the Inventory.             |
| New Zealand Inventory of Chemicals:      | All components in this product are listed on or exempt from the Inventory.             |
| Philippines PICCS:                       | All components in this product are listed on or exempt from the Inventory.             |
| Taiwan Chemical Substance Inventory:     | One or more components in this   |



product are not listed on or exempt from the Inventory.

US TSCA Inventory:

All components in this product are listed on or exempt from the Inventory.

Switzerland New Subs  
Notified/Registered:

One or more components in this product are not listed on or exempt from the Inventory.

EC Inventory:

All components in this product are listed on or exempt from the Inventory.

**16. Other information, including date of preparation or last revision**

**Revision Date:** 06/04/2024

**Version #:** 1.2

**Further Information:** No data available.

**Disclaimer:** For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.