# SAFETY DATA SHEET

**PRO PLASTICS GREEN MD-24185**

## Section 1. Identification

| | | |
|---|---|---|
| **GHS product identifier** | : | PRO PLASTICS GREEN MD-24185 |
| **Chemical name** | : | Mixture |
| **CAS number** | : | Mixture |
| **Other means of identification** | : | CC10309307 |
| **Product type** | : | solid |

**Relevant identified uses of the substance or mixture and uses advised against**

| | | |
|---|---|---|
| **Product use** | : | Industrial applications. Plastics. |
| **Supplier's details** | : | **AVIENT CORPORATION**<br>33587 Walker Road, Avon Lake, OH 44012<br><br>1 (440) 930-1000 or 1 (844) 4AVIENT |
| **Emergency telephone number (with hours of operation)** | : | CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident). |

## Section 2. Hazards identification

| | | |
|---|---|---|
| **OSHA/HCS status** | : | This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200). |
| **Classification of the substance or mixture** | : | COMBUSTIBLE DUSTS<br>CARCINOGENICITY - Category 1A |

**GHS label elements**

**Hazard pictograms** :

| | | |
|---|---|---|
| **Signal word** | : | Danger |
| **Hazard statements** | : | May cause cancer.<br>May form combustible dust concentrations in air. |

**Precautionary statements**

| | | |
|---|---|---|
| **Prevention** | : | Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing and eye or face protection. |
| **Response** | : | IF exposed or concerned: Get medical advice or attention. |
| **Storage** | : | Store locked up. |
| **Disposal** | : | Dispose of contents and container in accordance with all local, regional, national and international regulations. |
| **Supplemental label elements** | : | Keep container tightly closed. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Prevent dust accumulation. |
| **Hazards not otherwise classified** | : | None known. |
| **Hazards identified when used** | : | No known significant effects or critical hazards. |

# Section 3. Composition/information on ingredients

| | | |
|---|---|---|
| **Substance/mixture** | : | Mixture |
| **Chemical name** | : | PRO PLASTICS GREEN MD-24185 |
| **Other means of identification** | : | PRO PLASTICS GREEN MD-24185 |

| Ingredient name | Synonyms | % | Identifiers |
|---|---|---|---|
| Limestone | Limestone | >= 45 - <= 70 | CAS: 1317-65-3 |
| Titanium oxide | Titanium dioxide | >= 5 - <= 10 | CAS: 13463-67-7 |
| Quartz (SiO2) | crystalline silica, respirable powder | > 0 - < 1 | CAS: 14808-60-7 |

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.**

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

# Section 4. First aid measures

**Description of necessary first aid measures**

| | | |
|---|---|---|
| **Eye contact** | : | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention. |

| | | |
|---|---|---|
| **Inhalation** | : | Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. |
| **Skin contact** | : | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse. |
| **Ingestion** | : | Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. |

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

**Potential acute health effects**

| | | |
|---|---|---|
| **Eye contact** | : | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes. |
| **Inhalation** | : | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs. |
| **Skin contact** | : | No known significant effects or critical hazards. |
| **Ingestion** | : | No known significant effects or critical hazards. |

**Over-exposure signs/symptoms**

| | | |
|---|---|---|
| **Eye contact** | : | Adverse symptoms may include the following: irritation, redness |
| **Inhalation** | : | Adverse symptoms may include the following: respiratory tract irritation, coughing |
| **Skin contact** | : | No specific data. |
| **Ingestion** | : | No specific data. |

**Indication of immediate medical attention and special treatment needed, if necessary**

| | | |
|---|---|---|
| **Notes to physician** | : | In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. |
| **Specific treatments** | : | No specific treatment. |
| **Protection of first-aiders** | : | No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. |

**See toxicological information (Section 11)**

# Section 5. Fire-fighting measures

**Extinguishing media**

| | | |
|---|---|---|
| **Suitable extinguishing media** | : | Use dry chemical powder. |
| **Unsuitable extinguishing media** | : | Avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture. |
| **Specific hazards arising from the chemical** | : | May form explosible dust-air mixture if dispersed. |
| **Hazardous thermal decomposition products** | : | Decomposition products may include the following materials: carbon dioxide, carbon monoxide, nitrogen oxides, halogenated compounds, metal oxide/oxides |
| **Special protective actions for fire-fighters** | : | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool. |
| **Special protective equipment for fire-fighters** | : | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. |

# Section 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

| | | |
|---|---|---|
| **For non-emergency personnel** | : | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through |

| | | |
|---|---|---|
| | | spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. |
| **For emergency responders** | : | If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel". |
| **Environmental precautions** | : | Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |

**Methods and materials for containment and cleaning up**

| | | |
|---|---|---|
| **Small spill** | : | Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Dispose of via a licensed waste disposal contractor. |
| **Large spill** | : | Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Avoid creating dusty conditions and prevent wind dispersal. Dispose of via a licensed waste disposal contractor. |

## Section 7. Handling and storage

**Precautions for safe handling**

| | | |
|---|---|---|
| **Protective measures** | : | Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing dust. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate |

static electricity during transfer by grounding and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.

**Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

**Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store in a well-ventilated place. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

# Section 8. Exposure controls/personal protection

**Control parameters**

**Occupational exposure limits**

| Ingredient name | Exposure limits |
|---|---|
| Limestone | **CAL OSHA PEL (2018-05-16). [limestone]**<br>TWA 8 hours: 10 mg/m3 Form: Total dust<br>TWA 8 hours: 5 mg/m3 Form: Respirable fraction<br>**OSHA PEL 1989 (1989-03-01). [Calcium carbonate]**<br>TWA 8 hours: 5 mg/m3 Form: Respirable fraction<br>TWA 8 hours: 15 mg/m3 Form: Total dust<br>**OSHA PEL 1989 (1989-03-01). [Limestone]**<br>TWA 8 hours: 5 mg/m3 Form: Respirable fraction<br>TWA 8 hours: 15 mg/m3 Form: Total dust<br>**OSHA PEL 1989 (1989-03-01). [Marble]**<br>TWA 8 hours: 5 mg/m3 Form: Respirable fraction<br>TWA 8 hours: 15 mg/m3 Form: Total dust<br>**OSHA PEL (1993-06-30). [Calcium Carbonate]**<br>TWA 8 hours: 5 mg/m3 Form: Respirable fraction<br>TWA 8 hours: 15 mg/m3 Form: Total dust<br>**NIOSH REL (2015-02-13). [calcium carbonate]**<br>TWA 10 hours: 10 mg/m3 Form: Total<br>TWA 10 hours: 5 mg/m3 Form: Respirable fraction |

| | |
|---|---|
| Titanium oxide | **CAL OSHA PEL (2018-05-16). [titanium dioxide as Ti]**<br>TWA 8 hours: 10 mg/m3 (as Ti) Form: Total dust<br>TWA 8 hours: 5 mg/m3 (as Ti) Form: Respirable fraction<br>**ACGIH TLV (2022-01-06). [titanium dioxide finescale particles] A3.**<br>TWA 8 hours: 2.5 mg/m3 Form: respirable fraction, finescale particles<br>**ACGIH TLV (2022-01-06). [titanium dioxide nanoscale particles] A3.**<br>TWA 8 hours: 0.2 mg/m3 Form: respirable fraction, nanoscale particles<br>**OSHA PEL 1989 (1989-03-01). [Titanium dioxide]**<br>TWA 8 hours: 10 mg/m3 Form: Total dust<br>**OSHA PEL (1993-06-30). [Titanium dioxide]**<br>TWA 8 hours: 15 mg/m3 Form: Total dust |
| Quartz (SiO2) | **OSHA PEL Z3 (1997-09-03). [Silica, Crystalline Quartz non-respirable]**<br>TWA 8 Hours: 30/ (%$SiO_2$+2) mg/$m^3$ Form: Total dust<br>**OSHA PEL Z3 (2016-06-23). [Silica, Crystalline Quartz respirable powder]**<br>TWA 8 Hours: 10/ (%$SiO_2$+2) mg/$m^3$ Form: Respirable<br>TWA 8 Hours: 250/ (%$SiO_2$+5) mppcf Form: Respirable<br>**CAL OSHA PEL (2018-05-16). [silica, crystalline - quartz]**<br>TWA 8 hours: 0.05 mg/m3<br>**OSHA PEL 1989 (1989-03-01). [Silica, crystalline quartz (as quartz), respirable dust]**<br>TWA 8 hours: 0.1 mg/m3 (Calculated as Quartz) Form: Respirable dust<br>**OSHA PEL (2016-06-23). [Silica, crystalline]**<br>TWA 8 hours: 50 µg/$m^3$ Form: Respirable dust<br>**NIOSH REL (2010-09-01). [SILICA, CRYSTALLINE (AS RESPIRABLE DUST)] See Appendix A - NIOSH Potential Occupational Carcinogen.**<br>TWA 10 hours: 0.05 mg/m3 Form: Respirable dust<br>**ACGIH TLV (2005-12-09). [Silica, crystalline] A2.**<br>TWA 8 hours: 0.025 mg/m3 Form: Respirable fraction |

**Biological exposure indices**

No exposure indices known.

**Appropriate engineering controls** : Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust

ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

**Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

**Individual protection measures**

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields. If operating conditions cause high dust concentrations to be produced, use dust goggles.

**Skin protection**

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

# Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

**Appearance**

| | | |
|---|---|---|
| **Physical state** | : | solid [Powder.] |
| **Color** | : | GREEN |
| **Odor** | : | Not available. |
| **Odor threshold** | : | Not available. |
| **pH** | : | Not available. |
| **Melting point/freezing point** | : | Not available. |
| **Boiling point or initial boiling point and boiling range** | : | Not available. |
| **Flash point** | : | Not applicable. |
| **Evaporation rate** | : | Not available. |
| **Flammability** | : | Not available. |
| **Lower and upper explosion limit/flammability limit** | : | **Lower:** Not applicable.<br>**Upper:** Not applicable. |
| **Vapor pressure** | : | Not available. |
| **Relative vapor density** | : | Not applicable. |
| **Relative density** | : | Not available. |
| **Solubility in water** | : | Not available. |
| **Partition coefficient: n-octanol/water** | : | Not applicable. |
| **Auto-ignition temperature** | : | Not applicable. |
| **Decomposition temperature** | : | Not available. |
| **Viscosity** | : | **Dynamic :** Not available.<br>**Kinematic :** Not available. |

**Particle characteristics**

| | | |
|---|---|---|
| **Median particle size** | : | Not available. |

# Section 10. Stability and reactivity

| | | |
|---|---|---|
| **Reactivity** | : | No specific test data related to reactivity available for this product or its ingredients. |
| **Chemical stability** | : | Stable under recommended storage and handling conditions (see Section 7). |
| **Possibility of hazardous reactions** | : | Under normal conditions of storage and use, hazardous reactions will not occur. |
| **Conditions to avoid** | : | Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Prevent dust accumulation. |
| **Incompatible materials** | : | Reactive or incompatible with the following materials: oxidizing materials |
| **Hazardous decomposition products** | : | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |

# Section 11. Toxicological information

**Information on toxicological effects**

**Acute toxicity**

| Product/ingredient name | Result |
|---|---|
| Titanium oxide | **Rabbit - Dermal - LD50**<br>> 5,000 mg/kg<br><br>**Rat - Male - Inhalation - LC50 Dusts and mists**<br>6.82 Mg/l [4 h] |

**Conclusion/Summary** : Mixture.Not fully tested.

**Skin corrosion/irritation**

**Conclusion/Summary** : Mixture.Not fully tested.

**Serious eye damage/eye irritation**

**Conclusion/Summary** : Mixture.Not fully tested.

**Respiratory corrosion/irritation**

**Conclusion/Summary** : Mixture.Not fully tested.

**Respiratory or skin sensitization**

**Skin**

**Conclusion/Summary** : Mixture.Not fully tested.

**Respiratory**

**Conclusion/Summary** : Mixture.Not fully tested.

**Germ cell mutagenicity**

**Conclusion/Summary** : Mixture.Not fully tested.

**Carcinogenicity**

**Conclusion/Summary** : Mixture.Not fully tested.

**Classification**

| Product/ingredient name | OSHA | IARC | NTP |
|---|---|---|---|
| Titanium oxide | - | 2B | - |
| Quartz (SiO2) | + | 1 | Known to be a human carcinogen. |

**Reproductive toxicity**

**Conclusion/Summary** : Mixture.Not fully tested.

**Specific target organ toxicity (single exposure)**

Not available.

**Specific target organ toxicity (repeated exposure)**

| Product/ingredient name | Result |
|---|---|
| Quartz (SiO2) | SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1 |

**Aspiration hazard**

Not available.

**Information on the likely routes of exposure**

Not available.

**Potential acute health effects**

**Eye contact** : Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.

**Inhalation** : Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.

**Skin contact** : No known significant effects or critical hazards.

**Ingestion** : No known significant effects or critical hazards.

**Symptoms related to the physical, chemical and toxicological characteristics**

**Eye contact** : Adverse symptoms may include the following: irritation, redness

**Inhalation** : Adverse symptoms may include the following: respiratory tract irritation, coughing

**Skin contact** : No specific data.

**Ingestion** : No specific data.

**Delayed and immediate effects and also chronic effects from short and long term exposure**

**Short term exposure**

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

**Long term exposure**

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

**Potential chronic health effects**

Not available.

**Conclusion/Summary** : Mixture.Not fully tested.

**General** : Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.

**Carcinogenicity** : May cause cancer. Risk of cancer depends on duration and level of exposure.

**Mutagenicity** : No known significant effects or critical hazards.

**Reproductive toxicity** : No known significant effects or critical hazards.

**Numerical measures of toxicity**

**Acute toxicity estimates**

| Product/ingredient name | Oral | Dermal | Inhalation (gases) | Inhalation (vapors) | Inhalation (dusts and mists) |
|---|---|---|---|---|---|
| Titanium oxide | N/A | N/A | N/A | N/A | 6.82 Mg/l |

# Section 12. Ecological information

**Toxicity**

| Product/ingredient name | Result |
|---|---|
| Titanium oxide | **Acute LC50 Marine water**<br>Fish - *Fundulus heteroclitus*<br>> 1,000 Mg/l [96 h]<br>**Acute LC50 Fresh water**<br>Crustaceans - *Ceriodaphnia dubia*<br>3 Mg/l [48 h]<br>**Acute LC50 Fresh water**<br>Daphnia - *Daphnia pulex*<br>6.5 Mg/l [48 h] |

**Conclusion/Summary** : Not available.

**Persistence and degradability**

Not available.

**Conclusion/Summary** : Not available.

**Bioaccumulative potential**

Not available.

**Mobility in soil**

**Soil/Water partition coefficient** : Not available.

**Other adverse effects**

No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

| | | |
|---|---|---|
| U.S.DOT 49CFR Ground/Air/Water | : | Not regulated for transportation. |
| IATA | : | Consult mode specific transport rules |
| IMDG | : | Consult mode specific transport rules |

## Section 15. Regulatory information

**U.S. Federal regulations**

**TSCA 8(a) CDR Exempt/Partial exemption:** Not determined

**TSCA 12(b) - Chemical export notification**

| | | |
|---|---|---|
| **Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPs)** | : | Not listed |
| **Clean Air Act Section 602 Class I Substances** | : | Not listed |
| **Clean Air Act Section 602 Class II Substances** | : | Not listed |
| **DEA List I Chemicals (Precursor Chemicals)** | : | Not listed |
| **DEA List II Chemicals (Essential Chemicals)** | : | Not listed |

**SARA 302/304**

**Composition/information on ingredients**

No products were found.

**SARA 304 RQ** : Not applicable.

**SARA 311/312**

**Classification** : COMBUSTIBLE DUSTS
CARCINOGENICITY - Category 1A

**Composition/information on ingredients**

| Name | % | Classification |
|---|---|---|
| Quartz (SiO2) | > 0 - < 1 | CARCINOGENICITY - inhalation - Category 1A<br>SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1 |

**State regulations**

**Massachusetts** : The following components are listed:
Limestone
Titanium oxide

**New York** : None of the components are listed.

| | | |
|---|---|---|
| **New Jersey** | : | The following components are listed:<br>CALCIUM CARBONATE<br>COPPER compounds<br>TITANIUM DIOXIDE<br>SILICA, QUARTZ |
| **Pennsylvania** | : | The following components are listed:<br>LIMESTONE<br>COPPER COMPOUNDS<br>TITANIUM OXIDE |

**California Prop. 65**

⚠ **WARNING:** This product can expose you to chemicals including Titanium dioxide, Quartz, which are known to the State of California to cause cancer.For more information go to www.P65Warnings.ca.gov.

| Ingredient name | No significant risk level | Maximum acceptable dosage level |
|---|---|---|
| Titanium dioxide | - | - |
| Quartz | - | - |

**International regulations**

**Chemical Weapon Convention List Schedules I, II & III Chemicals**

**Chemical Weapons Convention List Schedule I Chemicals**
None of the components are listed.

**Chemical Weapons Convention List Schedule II Chemicals**
None of the components are listed.

**Chemical Weapons Convention List Schedule III Chemicals**
None of the components are listed.

**Montreal Protocol**
None of the components are listed.

**Stockholm Convention on Persistent Organic Pollutants**

**Annex A - Elimination - Production**
None of the components are listed.

**Annex A - Elimination - Use**

None of the components are listed.

**Annex B - Restriction - Production**
None of the components are listed.

**Annex B - Restriction - Use**
None of the components are listed.

**Annex C - Unintentional - Production**
None of the components are listed.

**Rotterdam Convention on Prior Informed Consent (PIC)**

**Rotterdam Convention on Prior Informed Consent (PIC) - Industrial**
None of the components are listed.

**Rotterdam Convention on Prior Informed Consent (PIC) - Pesticide**
None of the components are listed.

**Rotterdam Convention on Prior Informed Consent (PIC) -Severely hazardous pesticide**
None of the components are listed.

**UNECE Aarhus Protocol on POPs and Heavy Metals**

**Heavy metals - Annex 1**
None of the components are listed.

**POPs - Annex 1 - Production**
None of the components are listed.

**POPs - Annex 1 - Use**
None of the components are listed.

**POPs - Annex 2**
None of the components are listed.

**POPs - Annex 3**
None of the components are listed.

**Inventory list**

| | | |
|---|---|---|
| **Australia** | : | All components are listed or exempted. |
| **Canada** | : | At least one component is not listed in DSL but all such components are listed in NDSL. |
| **China** | : | All components are listed or exempted. |

| | | |
|---|---|---|
| **Eurasian Economic Union** | : | **Russian Federation inventory:** All components are listed or exempted. |
| **Japan** | : | **Japan inventory (CSCL)**: Not determined.<br>**Japan inventory (ISHL)**: Not determined. |
| **New Zealand** | : | All components are listed or exempted. |
| **Philippines** | : | All components are listed or exempted. |
| **Republic of Korea** | : | All components are listed or exempted. |
| **Taiwan** | : | All components are listed or exempted. |
| **Thailand** | : | Not determined. |
| **Turkey** | : | Not determined. |
| **United States** | : | All components are active or exempted. |
| **Viet Nam** | : | All components are listed or exempted. |

## Section 16. Other information

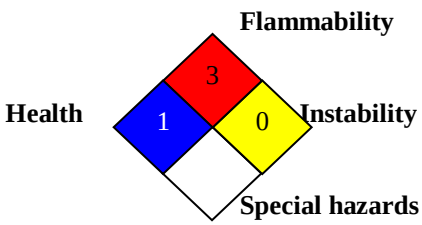
**Hazardous Material Information System (U.S.A.)**

| | | |
|---|---|---|
| **Health** | * | 0 |
| **Flammability** | | 3 |
| **Physical hazards** | | 0 |
| | | |

**Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.**

**The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.**

**National Fire Protection Association (U.S.A.)**




**Procedure used to derive the classification**

| Classification | Justification |
|---|---|

| | |
|---|---|
| COMBUSTIBLE DUSTS | On basis of test data |
| CARCINOGENICITY - Category 1A | Calculation method |

**History**

| | | |
|---|---|---|
| **Date of printing** | : | 12/05/2025 |
| **Date of issue/Date of revision** | : | 12/04/2025 |
| **Date of previous issue** | : | 07/25/2019 |
| **Version** | : | 1.0 |
| **Prepared by** | : | EHS_BATCH |
| **Key to abbreviations** | : | ATE = Acute Toxicity Estimate<br>BCF = Bioconcentration Factor<br>DOT = Department of Transportation<br>GHS = Globally Harmonized System of Classification and Labelling of Chemicals<br>IATA = International Air Transport Association<br>IBC = Intermediate Bulk Container<br>IMDG = International Maritime Dangerous Goods<br>IMO = International Maritime Organization<br>LogPow = logarithm of the octanol/water partition coefficient<br>MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)<br>N/A = Not available<br>SGG = Segregation Group<br>TDG = Transportation of Dangerous Goods<br>UN = United Nations |
| **References** | : | Not available. |

**Notice to reader**

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