

## Safety Data Sheet

### PLANISEAL CR1

Safety Data Sheet dated: 10/28/2025 - version 14

Date of first edition: 12/19/2017



## 1. IDENTIFICATION

### Product identifier used on the label

Mixture identification:

Trade name: PLANISEAL CR1

Trade code: 9024386

### Recommended use of the chemical and restrictions on use

Recommended use: Sealant

Restrictions on use: Not available

### Name, U.S. address, and U.S. telephone number of the chemical manufacturer, importer, or other responsible party

Company: MAPEI CORP. (USA and Puerto Rico)

1144 East Newport Center Drive - 33442 - Deerfield Beach - FL - USA

Phone: 954-246-8888

Responsible: RDProductSafety@mapei.com

### Emergency 24 hour numbers:

Emergency Number (USA/Canada) CHEMTREC 1(800) 424-9300 / 1(703) 527-3887

Emergency Transport CANUTEC (Canada) 1-613-996-6666

## 2. HAZARD(S) IDENTIFICATION



### Classification of the chemical

Flammable Liquids — Category 4

Skin Sensitization, Category 1A

Specific target organ toxicity following repeated exposure, Category 2

Combustible liquid

May cause an allergic skin reaction.

May cause damage to organs through prolonged or repeated exposure if inhaled, in contact with skin and if swallowed.

### Label elements

#### Hazard pictograms and Signal Word



Warning

### Hazard statements

H227 Combustible liquid

H317 May cause an allergic skin reaction.

H373 May cause damage to organs through prolonged or repeated exposure if inhaled, in contact with skin and if swallowed.

### Precautionary statements

P210 Keep away from heat/sparks/open flames/hot surfaces. — No smoking.

P260 Do not breathe mist/vapours/spray.

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

P302+P352 IF ON SKIN: Wash with plenty of water.

P314 Get medical advice/attention if you feel unwell.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

P370+P378 In case of fire, use a dry powder fire extinguisher to extinguish.

P403 Store in a well-ventilated place.

P501 Dispose of contents/container in accordance with applicable regulations.

### Hazards associated with foreseeable chemical reactions

None

Ingredient(s) with unknown acute toxicity:

None

Hazards not otherwise classified identified during the classification process:

None

This product contains crystalline silica (quartz sand). IARC has classified crystalline silica as a Group 1 carcinogen. Both IARC and NTP consider silica as a known human carcinogen. Evidence is based on the chronic and long-term exposure workers have had to respirable sized crystalline silica dust particles. Because this product is in liquid or paste form, it does not pose a dust hazard; therefore, this classification is not relevant. (Note: sanding of the hardened product may create a silica dust hazard)

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Not Relevant

Mixtures

Hazardous components within the meaning of 29 CFR 1910.1200 and related classification:

List of components

| Qty           | Name                                                                                                             | Ident. Numb.                                               | Classification                                                                 |
|---------------|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|--------------------------------------------------------------------------------|
| ≥2.5 - <3 %   | coumarone-indene resins                                                                                          | CAS:63393-89-5<br>EC:613-209-2                             | Eye Irrit. 2A, H319                                                            |
| ≥1 - <2.5 %   | naphtha (petroleum), aromatic; Heavy fractionated hydrocarbons                                                   | CAS:68603-08-7<br>EC:271-635-0                             | Flam. Liq. 4, H227; STOT SE 3, H336; STOT RE 2, H373; Asp. Tox. 1, H304        |
| ≥1 - <2.5 %   | vinyltrimethoxysilane; Trimethoxyvinylsilane                                                                     | CAS:2768-02-7<br>EC:220-449-8<br>EU CLP Index:014-049-00-0 | Flam. Liq. 3, H226; Acute Tox. 4, H332; Skin Sens. 1B, H317                    |
| ≥1 - <2.5 %   | silica sand; quartz                                                                                              | CAS:14808-60-7<br>EC:238-878-4                             | STOT RE 1, H372; Carc. 1A, H350                                                |
| ≥0.5 - <0.6 % | n-(2-aminoethyl)-3-aminopropylmethyldimethoxysilane; 1,2-Ethanediamine, N1-[3-(dimethoxymethylsilyl)propyl]-     | CAS:3069-29-2<br>EC:221-336-6                              | Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Dam. 1, H318; Skin Sens. 1A, H317 |
| ≥0.1 - <0.2 % | bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate; Decanedioic acid, bis(1,2,2,6,6-pentamethyl-4-piperidiny) ester | CAS:41556-26-7<br>EC:255-437-1                             | Skin Sens. 1, H317; Aquatic Acute 1, H400; Aquatic Chronic 1, H410             |

The actual concentration of the components listed above is withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures

In case of skin contact:

- Immediately take off all contaminated clothing.
- OBTAIN IMMEDIATE MEDICAL ATTENTION.
- Obtain medical attention if skin related symptoms persist.
- Remove contaminated clothing immediately and dispose of safely.

In case of eyes contact:

- Wash immediately with water.

In case of Ingestion:

- Do not induce vomiting, get medical attention showing the SDS and the hazard label.

In case of Inhalation:

- If breathing is irregular or stopped, administer artificial respiration.
- In case of inhalation, consult a doctor immediately and show him packing or label.

Most important symptoms/effects, acute and delayed

Not available

Indication of any immediate medical attention and special treatment needed

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

- (see paragraph 4.1)

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media:  
In case of fire, use a dry powder fire extinguisher to extinguish.

**Unsuitable extinguishing media:**  
None in particular.

**Specific hazards arising from the chemical**  
Do not inhale explosion and combustion gases.  
Burning produces heavy smoke.  
Hazardous combustion products: Not available  
Explosive properties: Not available  
Oxidizing properties: Not available

**Special protective equipment and precautions for fire-fighters**  
Use suitable breathing apparatus.  
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Move undamaged containers from immediate hazard area if it can be done safely.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**  
Wear personal protection equipment.  
Wear breathing apparatus if exposed to vapours/dusts/aerosols.  
Provide adequate ventilation.  
Use appropriate respiratory protection.  
Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.  
Limit leakages with earth or sand.

**Methods and material for containment and cleaning up**  
Suitable material for taking up: absorbing material, organic, sand  
Retain contaminated washing water and dispose it.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**  
Avoid contact with skin and eyes, inhalation of vapours and mists.  
Use localized ventilation system.  
Don't use empty container before they have been cleaned.  
Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.  
Contaminated clothing should be changed before entering eating areas.  
Do not eat or drink while working.  
See also section 8 for recommended protective equipment.

**Conditions for safe storage, including any incompatibilities**  
Data not available.  
Always keep in a well ventilated place.  
Keep away from heat/sparks/open flames/hot surfaces. — No smoking.  
Store in a well-ventilated place. Keep cool.  
Avoid direct exposure to sunlight.  
Opened containers must be carefully resealed and kept upright to prevent leakage.  
Flammable mixtures may accumulate within the headspace of containers at room temperature.  
Storage at higher temperatures requires an appropriate evaluation of preventive and protection measures to be adopted.  
Storage temperature must be defined on the basis of a proper risk evaluation. Refer to other sections for additional information.  
Keep away from food, drink and feed.

Incompatible materials:  
None in particular.  
Instructions as regards storage premises:  
Cool and adequately ventilated.  
Storage temperature: Not available

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

**Occupational Exposure Limits (OEL)**

|                                        | OEL<br>Type | Country | Occupational Exposure Limit                                                              |
|----------------------------------------|-------------|---------|------------------------------------------------------------------------------------------|
| silica sand; quartz<br>CAS: 14808-60-7 | ACGIH       |         | Long Term: 0.025 mg/m3<br>A2 - Suspected Human Carcinogen;lung cancer;pulmonary fibrosis |

|       |             |                                                                |
|-------|-------------|----------------------------------------------------------------|
| MAK   | AUSTRIA     | Long Term: 0.15 mg/m3                                          |
| ACGIH |             | Long Term: 0.025 mg/m3<br>(R), A2 - Pulm fibrosis, lung cancer |
| MAK   | SWITZERLAND | Long Term: 0.15 mg/m3                                          |
| EU    |             | Long Term: 0.1 mg/m3<br>Behaviour Binding                      |

#### Predicted No Effect Concentration (PNEC) values

|                                                                                                                                     |                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| vinyltrimethoxysilane;<br>Trimethoxyvinylsilane<br>CAS: 2768-02-7                                                                   | Exposure Route: Fresh Water; PNEC Limit: 0.34 mg/l                      |
|                                                                                                                                     | Exposure Route: Marine water; PNEC Limit: 0.034 mg/l                    |
|                                                                                                                                     | Exposure Route: Freshwater sediments; PNEC Limit: 1.24 mg/kg            |
|                                                                                                                                     | Exposure Route: Marine water sediments; PNEC Limit: 0.12 mg/kg          |
|                                                                                                                                     | Exposure Route: Intermittent release; PNEC Limit: 3.4 mg/l              |
| bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate; Decanedioic acid, bis(1,2,2,6,6-pentamethyl-4-piperidiny) ester<br>CAS: 41556-26-7 | Exposure Route: Microorganisms in sewage treatments; PNEC Limit: 1 mg/l |
|                                                                                                                                     | Exposure Route: Soil; PNEC Limit: 0.21 mg/kg                            |
|                                                                                                                                     | Exposure Route: Intermittent release; PNEC Limit: 0.009 mg/l            |
|                                                                                                                                     | Exposure Route: Fresh Water; PNEC Limit: 0.0022 mg/l                    |
|                                                                                                                                     | Exposure Route: Marine water; PNEC Limit: 0.000022 mg/l                 |
|                                                                                                                                     | Exposure Route: Freshwater sediments; PNEC Limit: 1.05 mg/kg            |
|                                                                                                                                     | Exposure Route: Marine water sediments; PNEC Limit: 0.11 mg/kg          |

#### Derived No Effect Level (DNEL) values

|                                                                                                                                     |                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| vinyltrimethoxysilane;<br>Trimethoxyvinylsilane<br>CAS: 2768-02-7                                                                   | Exposure Route: Human Dermal; Exposure Frequency: Long Term, systemic effects<br>Worker Industry: 0.69 mg/kg; Consumer: 0.3 mg/kg     |
|                                                                                                                                     | Exposure Route: Human Inhalation; Exposure Frequency: Long Term, systemic effects<br>Worker Industry: 4.9 mg/m3; Consumer: 1.04 mg/m3 |
| bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate; Decanedioic acid, bis(1,2,2,6,6-pentamethyl-4-piperidiny) ester<br>CAS: 41556-26-7 | Exposure Route: Human Dermal; Exposure Frequency: Short Term, systemic effects<br>Worker Industry: 2.5 mg/kg                          |
|                                                                                                                                     | Exposure Route: Human Dermal; Exposure Frequency: Long Term, systemic effects<br>Worker Industry: 2.5 mg/kg                           |
|                                                                                                                                     | Exposure Route: Human Inhalation; Exposure Frequency: Short Term, systemic effects<br>Worker Industry: 2.35 mg/m3                     |
|                                                                                                                                     | Exposure Route: Human Inhalation; Exposure Frequency: Short Term, local effects<br>Worker Industry: 2.35 mg/m3                        |
|                                                                                                                                     | Exposure Route: Human Inhalation; Exposure Frequency: Long Term, systemic effects<br>Worker Industry: 2.35 mg/m3                      |
|                                                                                                                                     | Exposure Route: Human Oral; Exposure Frequency: Short Term, systemic effects<br>Consumer: 1.25 mg/kg                                  |
|                                                                                                                                     | Exposure Route: Human Dermal; Exposure Frequency: Short Term, systemic effects<br>Consumer: 1.25 mg/kg                                |
|                                                                                                                                     | Exposure Route: Human Inhalation; Exposure Frequency: Short Term, systemic effects<br>Consumer: 0.58 mg/m3                            |
|                                                                                                                                     | Exposure Route: Human Inhalation; Exposure Frequency: Short Term, local effects<br>Consumer: 0.58 mg/m3                               |

Exposure Route: Human Oral; Exposure Frequency: Long Term, systemic effects  
Consumer: 1.25 mg/kg

Exposure Route: Human Dermal; Exposure Frequency: Long Term, systemic effects  
Consumer: 1.25 mg/kg

Exposure Route: Human Inhalation; Exposure Frequency: Short Term, systemic effects  
Consumer: 0.58 mg/m<sup>3</sup>

Appropriate engineering controls: Not available

#### **Individual protection measures**

Eye protection:

Use close fitting safety goggles, don't use contact lenses.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

Suitable materials for safety gloves; 29 CFR 1910.138 - ANSI/ISEA 105:

Polychloroprene - CR: thickness  $\geq 0,5\text{mm}$ ; breakthrough time  $\geq 480\text{min}$ .

Nitrile rubber - NBR: thickness  $\geq 0,35\text{mm}$ ; breakthrough time  $\geq 480\text{min}$ .

Butyl rubber - IIR: thickness  $\geq 0,5\text{mm}$ ; breakthrough time  $\geq 480\text{min}$ .

Fluorinated rubber - FKM: thickness  $\geq 0,4\text{mm}$ ; breakthrough time  $\geq 480\text{min}$ .

Use impervious gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection:

Respiratory protection must be used where exposure levels exceed workplace exposure limits. Refer to 29 CFR 1910.134 - CSA Z94.4 for information on selection and use of appropriate respiratory protection equipment.

Use adequate protective respiratory equipment.

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## **9. PHYSICAL AND CHEMICAL PROPERTIES**

### **Information on basic physical and chemical properties**

|                                               |                                        |
|-----------------------------------------------|----------------------------------------|
| Physical state:                               | Liquid                                 |
| Appearance and colour:                        | paste green                            |
| Odour:                                        | almost odorless                        |
| Odour threshold:                              | No data available                      |
| Melting point / freezing point:               | No data available                      |
| Initial boiling point and boiling range:      | No data available                      |
| Flammability:                                 | The product is classified Flam. Liq. 4 |
| Upper/lower flammability or explosive limits: | No data available                      |
| Flash point:                                  | 62 °C (144 °F)                         |
| Auto-ignition temperature:                    | No data available                      |
| Decomposition temperature:                    | No data available                      |
| pH:                                           | No data available                      |
| Viscosity:                                    | No data available                      |
| Kinematic viscosity:                          | No data available                      |
| Solubility in water:                          | insoluble                              |
| Solubility in oil:                            | dispersible                            |
| Partition coefficient (n-octanol/water):      | No data available                      |
| Vapour pressure:                              | No data available                      |
| Evaporation rate:                             | No data available                      |
| Relative density:                             | 1.25 g/cm <sup>3</sup>                 |
| Vapour density:                               | No data available                      |

**Particle characteristics:**

Particle size: No data available

**Other information**

Explosive properties: No data available

Oxidizing properties: No data available

Solid/gas flammability: No data available

Substance Groups relevant properties: No data available

Miscibility: No data available

Fat Solubility: No data available

Conductivity: No data available

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**10. STABILITY AND REACTIVITY****Reactivity**

No data available

**Chemical stability**

Data not available.

**Possibility of hazardous reactions**

None.

**Conditions to avoid**

No data available

**Incompatible materials**

Data not available.

**Hazardous decomposition products**

Data not available.

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**11. TOXICOLOGICAL INFORMATION****Information on toxicological effects****Toxicological Information of the Preparation**

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| a) acute toxicity                    | Not classified<br>Based on available data, the classification criteria are not met                      |
| b) skin corrosion/irritation         | Not classified<br>Based on available data, the classification criteria are not met                      |
| c) serious eye damage/irritation     | Not classified<br>Based on available data, the classification criteria are not met                      |
| d) respiratory or skin sensitisation | The product is classified: Skin Sensitization, Category 1A(H317)                                        |
| e) germ cell mutagenicity            | Not classified<br>Based on available data, the classification criteria are not met                      |
| f) carcinogenicity                   | Not classified<br>Based on available data, the classification criteria are not met                      |
| g) reproductive toxicity             | Not classified<br>Based on available data, the classification criteria are not met                      |
| h) STOT-single exposure              | Not classified<br>Based on available data, the classification criteria are not met                      |
| i) STOT-repeated exposure            | The product is classified: Specific target organ toxicity following repeated exposure, Category 2(H373) |
| j) aspiration hazard                 | Not classified<br>Based on available data, the classification criteria are not met                      |

**Toxicological information on main components of the mixture:**

|                        |                   |                                           |
|------------------------|-------------------|-------------------------------------------|
| vinyltrimethoxysilane; | a) acute toxicity | LD50 Oral Rat = 6899 mg/kg                |
| Trimethoxyvinylsilane  |                   |                                           |
|                        |                   | LD50 Skin Rat = 3158 mg/kg                |
|                        |                   | LC50 Inhalation Vapour Rat = 16.8 mg/l 4h |

|                                                                                                                      |                   |                                                  |
|----------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------------------------------|
| silica sand; quartz                                                                                                  | a) acute toxicity | LD50 Oral > 2000 mg/kg<br>LD50 Skin > 2000 mg/kg |
| bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate; Decanedioic acid, bis(1,2,2,6,6-pentamethyl-4-piperidinyloxy) ester | a) acute toxicity | LD50 Oral Rat = 2615 mg/kg                       |

#### Substance(s) listed on the IARC Monographs:

silica sand; quartz Group 1

#### Substance(s) listed as OSHA Carcinogen(s):

silica sand; quartz

#### Substance(s) listed as NIOSH Carcinogen(s):

silica sand; quartz

#### Substance(s) listed on the NTP report on Carcinogens:

silica sand; quartz

## 12. ECOLOGICAL INFORMATION

### Toxicity

Adopt good working practices, so that the product is not released into the environment.

Eco-Toxicological Information:

#### List of Eco-Toxicological properties of the product

Not classified for environmental hazards.

Based on available data, the classification criteria are not met

#### List of Eco-Toxicological properties of the components

| Component                                                                                                            | Ident. Numb.                        | Ecotox Data                                                                                                                             |
|----------------------------------------------------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate; Decanedioic acid, bis(1,2,2,6,6-pentamethyl-4-piperidinyloxy) ester | CAS: 41556-26-7 - EINECS: 255-437-1 | a) Aquatic acute toxicity : EC50 Daphnia = 20 mg/L 24h<br><br>a) Aquatic acute toxicity : LC50 Fish Lepomis macrochirus = 0.97 mg/L 96h |

### Persistence and degradability

N.A.

### Bioaccumulative potential

N.A.

### Mobility in soil

N.A.

### Other adverse effects

N.A.

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

The generation of waste should be avoided or minimized wherever possible. Recover if possible.

Methods of disposal:

Disposal of this product, solutions, packaging 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 nonrecyclable products via a licensed waste disposal contractor.

Do not dispose of waste into sewers.

Disposal considerations:

Do not allow to enter drains or watercourses.

Dispose of product according to all federal, state and local applicable regulations.

If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be

assigned.

Dispose of containers contaminated by the product in accordance with local or national legal provisions. For further information, contact your local waste authority.

**Special precautions:**

This material and its container must be disposed of in a safe way. Care should be taken when handling untreated empty containers.

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Empty containers or liners may retain some product residues. Do not re-use empty containers.

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## **14. TRANSPORT INFORMATION**

### **UN number**

DOT-UN Number: NA1993

ADR-UN number: N/A

IATA-Un number: -

IMDG-Un number: -

### **UN proper shipping name**

DOT-Proper Shipping Name: Combustible liquid, n.o.s. (aromatic hydrocarbons)

ADR-Shipping Name: N/A

IATA-Technical name: - (aromatic hydrocarbons)

IMDG-Technical name: - (aromatic hydrocarbons)

### **Transport hazard class(es)**

DOT-Hazard Class: Comb liq

ADR-Class: N/A

IATA-Class: -

IMDG-Class: -

### **Packing group**

DOT Packing Group: III

ADR-Packing Group: N/A

IATA-Packing group: -

IMDG-Packing group: -

### **Environmental hazards**

Marine pollutant: No

Environmental Pollutant: Not Applicable

DOT-RQ: No

### **Transport in bulk according to IMO instruments**

N.A.

Not Applicable

### **Special precautions**

Department of Transportation (DOT):

DOT-Special Provision(s): 148, IB3, T1, TP1

DOT-Label(s): -

DOT-Symbol: N/A

DOT-Cargo Aircraft: N/A

DOT-Passenger Aircraft: N/A

DOT-Bulk: N/A

DOT-Non-Bulk: N/A

DOT-Limited Quantity threshold: N/A

Road and Rail (ADR-RID) :

ADR-Label: N/A

ADR-Hazard identification number: N/A

ADR-Transport category (Tunnel restriction code): N/A

Air (IATA) :

IATA-Passenger Aircraft: -

IATA-Cargo Aircraft: -

IATA-Label: -

IATA-Subsidiary hazards: -

IATA-Erg: -

IATA-Special Provisioning: -

Sea (IMDG) :

IMDG-Stowage and handling: -

IMDG-Segregation: -

IMDG-Subsidiary hazards: -

## 15. REGULATORY INFORMATION

This Safety Data Sheet has been prepared according to the Hazard Communication Standard 2024 (HCS 2024)

### USA - Federal regulations

#### TSCA - Toxic Substances Control Act

All the components are listed on the TSCA inventory

##### TSCA listed substances:

coumarone-indene resins is listed in TSCA Section 8b

naphtha (petroleum), aromatic;  
Heavy fractionated hydrocarbons is listed in TSCA Section 8b

vinyltrimethoxysilane;  
Trimethoxyvinylsilane is listed in TSCA Section 8b

silica sand; quartz is listed in TSCA Section 8b

n-(2-aminoethyl)-3-  
aminopropylmethyldimethoxysilan  
e; 1,2-Ethanediamine, N1-[3-  
(dimethoxymethylsilyl)propyl]- is listed in TSCA Section 8b

bis(1,2,2,6,6-pentamethyl-4-  
piperidyl) sebacate; Decanedioic  
acid, bis(1,2,2,6,6-pentamethyl-4-  
piperidiny) ester is listed in TSCA Section 8b

#### SARA - Superfund Amendments and Reauthorization Act

##### Section 302 - Extremely Hazardous Substances:

No substances listed

##### Section 304 - Hazardous substances:

No substances listed

##### Section 313 - Toxic chemical list:

No substances listed

#### CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

##### Substance(s) listed under CERCLA:

No substances listed

#### CAA - Clean Air Act

##### CAA listed substances:

No substances listed

#### CWA - Clean Water Act

##### CWA listed substances:

No substances listed

### USA - State specific regulations

#### California Proposition 65

##### Substance(s) listed under California Proposition 65:

silica sand; quartz Listed as carcinogen

#### Massachusetts Right to know

##### Substance(s) listed under Massachusetts Right to know:

silica sand; quartz

#### Pennsylvania Right to know

##### Substance(s) listed under Pennsylvania Right to know:

silica sand; quartz

#### New Jersey Right to know

##### Substance(s) listed under New Jersey Right to know:

silica sand; quartz

### Canada - Federal regulations

#### DSL - Domestic Substances List

All the substances are listed in the DSL.

#### NDSL - Non Domestic Substances List

This product complies with NDSL inventory

## NPRI - National Pollutant Release Inventory

### NPRI (National Pollutant Release Inventory) - List of substances listed.

No substances listed

## 16. OTHER INFORMATION

Safety Data Sheet dated: 10/28/2025 - version 14

Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use. The information herein is presented in good faith and believed to be accurate as of the effective date given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.

This document was prepared by a competent person who has received appropriate training.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This SDS cancels and replaces any preceding release.

| Code | Description                                                                             |
|------|-----------------------------------------------------------------------------------------|
| H226 | Flammable liquid and vapour.                                                            |
| H227 | Combustible liquid                                                                      |
| H302 | Harmful if swallowed.                                                                   |
| H304 | May be fatal if swallowed and enters airways.                                           |
| H315 | Causes skin irritation.                                                                 |
| H317 | May cause an allergic skin reaction.                                                    |
| H318 | Causes serious eye damage.                                                              |
| H319 | Causes serious eye irritation.                                                          |
| H332 | Harmful if inhaled.                                                                     |
| H336 | May cause drowsiness or dizziness.                                                      |
| H350 | May cause cancer.                                                                       |
| H372 | Causes damage to organs through prolonged or repeated exposure.                         |
| H373 | May cause damage to organs through prolonged or repeated exposure in contact with skin. |
| H400 | Very toxic to aquatic life.                                                             |
| H410 | Very toxic to aquatic life with long lasting effects.                                   |

| Code        | Hazard class and hazard category | Description                                                            |
|-------------|----------------------------------|------------------------------------------------------------------------|
| A.1/4/Inhal | Acute Tox. 4                     | Acute toxicity (inhalation), Category 4                                |
| A.1/4/Oral  | Acute Tox. 4                     | Acute toxicity (oral), Category 4                                      |
| A.10/1      | Asp. Tox. 1                      | Aspiration hazard, Category 1                                          |
| A.2/2       | Skin Irrit. 2                    | Skin irritation, Category 2                                            |
| A.3/1       | Eye Dam. 1                       | Serious eye damage, Category 1                                         |
| A.3/2A      | Eye Irrit. 2A                    | Eye irritation, Category 2A                                            |
| A.4.2/1     | Skin Sens. 1                     | Skin Sensitization, Category 1                                         |
| A.4.2/1A    | Skin Sens. 1A                    | Skin Sensitization, Category 1A                                        |
| A.4.2/1B    | Skin Sens. 1B                    | Skin Sensitization, Category 1B                                        |
| A.6/1A      | Carc. 1A                         | Carcinogenicity, Category 1A                                           |
| A.8/3       | STOT SE 3                        | Specific target organ toxicity following single exposure, Category 3   |
| A.9/1       | STOT RE 1                        | Specific target organ toxicity following repeated exposure, Category 1 |
| A.9/2       | STOT RE 2                        | Specific target organ toxicity following repeated exposure, Category 2 |
| B.6/3       | Flam. Liq. 3                     | Flammable Liquids — Category 3                                         |
| B.6/4       | Flam. Liq. 4                     | Flammable Liquids — Category 4                                         |
| US-HAE/A1   | Aquatic Acute 1                  | Acute aquatic hazard, category 1                                       |
| US-HAE/C1   | Aquatic Chronic 1                | Chronic (long term) aquatic hazard, category 1                         |

### Legend to abbreviations and acronyms used in the safety data sheet:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO: International Civil Aviation Organization.  
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).  
GHS: Globally Harmonized System of Classification and Labeling of Chemicals.  
CLP: Classification, Labeling, Packaging.  
EU CLP Index: Index number as reported in Annex VI to EU Reg. 1272/2008  
EINECS: European Inventory of Existing Commercial Chemical Substances.  
INCI: International Nomenclature of Cosmetic Ingredients.  
CAS: Chemical Abstracts Service (division of the American Chemical Society).  
GefStoffVO: Ordinance on Hazardous Substances, Germany.  
LC50: Lethal concentration, for 50 percent of test population.  
LD50: Lethal dose, for 50 percent of test population.  
DNEL: Derived No Effect Level.  
PNEC: Predicted No Effect Concentration.  
TLV: Threshold Limiting Value.  
TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).  
STEL: Short Term Exposure limit.  
STOT: Specific Target Organ Toxicity.  
WGK: German Water Hazard Class.  
KSt: Explosion coefficient.

**Paragraphs modified from the previous revision:**

- 2. HAZARDS IDENTIFICATION
- 3. COMPOSITION/INFORMATION ON INGREDIENTS
- 9. PHYSICAL AND CHEMICAL PROPERTIES
- 12. ECOLOGICAL INFORMATION
- 14. TRANSPORT INFORMATION
- 16. OTHER INFORMATION