Safety Data Sheet

OSHA HazCom Standard 29 CFR 1910.1200(g) revised in 2024 and GHS Rev 07.

Reviewed on 02/12/2025

* 1. Identification

Product identifier

Trade name: PlanetBond

· **Product Description:** Hight Performance Elastomeric Adhesive Sealant

· **Details of the supplier of the safety data sheet**
· **Manufacturer/Supplier:**

Brick It at www.brickit.com

* 2. Hazard(s) identification

· **Classification of the substance or mixture**

GHS08 Health hazard

Carcinogenicity 1A	H350	May cause cancer.
Reproductive toxicity 2	H361	Suspected of damaging fertility or the unborn child. Causes
Specific target organ toxicity (single exposure) 1	H370	damage to organs.
Specific target organ toxicity (repeated exposure) 1	H372-H373	Causes damage to the kidneys, the liver, the thymus and the immune system through prolonged or repeated exposure. May cause damage to the lung through prolonged or repeated exposure.

GHS07

Skin irritation 2	H315	Causes skin irritation.
Sensitization - skin 1	H317	May cause an allergic skin reaction.
Eye irritation 2B	H320	Causes eye irritation.

· **Additional information:**
Carcinogen and inhalation harards exempt when intrinsically bonded or when cannot be released due to cutting, grinding, heating, etc.

· **Label elements**
· **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).
· **Hazard pictograms**

GHS07 GHS08

· **Signal word** Danger

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· **Hazard-determining components of labeling:**
Calcium carbonate [Limestone]
diisodecyl phthalate
N-(3-(trimethoxysilyl)propyl)ethylenediamine
Quartz (SiO2)
trimethoxyvinylsilane
· **Hazard statements**
Causes skin and eye irritation.
May cause an allergic skin reaction.
May cause cancer.
Suspected of damaging fertility or the unborn child.
Causes damage to organs.
Causes damage to the kidneys, the liver, the thymus and the immune system through prolonged or repeated exposure. May cause damage to the lung through prolonged or repeated exposure.
· **Precautionary statements**
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 thoroughly after handling.
Do not eat, drink or smoke when using this product.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
If on skin: Wash with plenty of water.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF exposed or concerned: Get medical advice/attention.
Get medical advice/attention if you feel unwell.
Take off contaminated clothing and wash it before reuse.
If skin irritation or rash occurs: Get medical advice/attention.
Specific treatment (see on this label).
If eye irritation persists: Get medical advice/attention.
Store locked up.
Dispose of contents/container in accordance with local/regional/national/international regulations.
· **Unknown acute toxicity:**
This value refers to knowledge of known, established toxicological or ecotoxicological values.
0 % of the mixture consists of component(s) of unknown toxicity.
· **Information pertaining to particular dangers for man and environment:**
· **Classification system:** NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme
· **NFPA ratings (scale 0 - 4)**

Health = 1
Fire = 1
Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**

Health = *1
Fire = 1
Reactivity = 0

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· **Other hazards**
· **Results of PBT and vPvB assessment**

· **PBT:**	
25973-55-1	2-(2H-benzotriazol-2-yl)-4,6-di-tert-pentylphenol

· **vPvB:**	
25973-55-1	2-(2H-benzotriazol-2-yl)-4,6-di-tert-pentylphenol

· **Classification according to (d)(1)(ii) of § 1910.1200**
The SDS issuer does not object to the classifications provided by importers or manufacturers of precursor products.
· **Hazards not otherwise classified**
There are no adverse physical or health effects known that are not covered by the hazard classes of the Hazard Communications Standard.

* 3. Composition/information on ingredients

· **Chemical characterization: Mixtures**
· **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Dangerous components:**		
CAS: 471-34-1 RTECS: EV 9580000	calcium carbonate	10–30%
CAS: 1317-65-3	Calcium carbonate [Limestone] Carcinogenicity 1A, H350; Specific target organ toxicity (repeated exposure) 2, H373; Skin irritation 2, H315; Eye irritation 2A, H319	10–30%
CAS: 68515-49-1	diisodecyl phthalate Reproductive toxicity 2, H361	10–30%
CAS: 57-11-4 RTECS: WI 2800000	stearic acid, pure	3–7%
CAS: 13463-67-7	Titanium Dioxide Carcinogenicity 2, H351	3–7%
CAS: 67-56-1 RTECS: PC 1400000	Methanol Flammable liquids 2, H225; Acute toxicity - oral 3, H301; Acute toxicity - dermal 3, H311; Acute toxicity - inhalation 3, H331; Specific target organ toxicity (single exposure) 1, H370	≥1–<3%
CAS: 1760-24-3 RTECS: KV 7400000	N-(3-(trimethoxysilyl)propyl)ethylenediamine Acute toxicity - inhalation 3, H331; Eye damage 1, H318; Skin irritation 2, H315; Sensitization - skin 1, H317; Specific target organ toxicity (single exposure) 3, H335	≥1–<3%
CAS: 2768-02-7	trimethoxyvinylsilane Flammable liquids 2, H225; Sensitization - skin 1B, H317	1–5%
CAS: 14808-60-7 RTECS: VV 7330000	Quartz (SiO2) Carcinogenicity 1A, H350; Specific target organ toxicity (single exposure) 1, H370; Specific target organ toxicity (repeated exposure) 1, H372	1–5%
CAS: 25973-55-1	2-(2H-benzotriazol-2-yl)-4,6-di-tert-pentylphenol Specific target organ toxicity (repeated exposure) 1, H372; dermal 4, Acute toxicity - H312; Combustible Dust PBT; vPvB	1–5%

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· **Additional information:**
The exact percentages of the ingredients of this mixture are considered to be proprietary and are withheld in accordance with the provisions of paragraph (i) of §1910.1200 of 29 CFR 1910.1200 Trade Secrets.

* 4. First-aid measures

· **Description of first aid measures**
· **General information:**
Immediately remove any clothing soiled by the product.
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
· **After inhalation:**
Supply fresh air. If required, provide artificial respiration. Consult doctor if symptoms persist.
In case of unconsciousness place patient stably in side position for transportation.
· **After skin contact:**
Remove contaminated clothing and wash before reuse.
Immediately wash with water and soap and rinse thoroughly.
If skin irritation occurs, consult a doctor.
· **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
If easy to do so, remove contact lenses if worn.
· **After swallowing:**
Do not induce vomiting without medical advice.
If conscious, give no more that two glasses of water.
Seek medical treatment.
· **Most important symptoms and effects, both acute and delayed**
Quartz: Can cause silicosis, a fibrosis (scarring) of the lungs. Silicosis may be progressive; it may lead to disability and death; inhaled from occupational sources is classified as carcinogenic to humans. Some studies show in workers exposed to respirable quartz excess numbers of cases of scleroderma, connective tissue disorders, lupus, rheumatoid arthritis, chronic kidney diseases and end-stage kidney disease, chronic bronchitis and emphysema.
May cause an allergic skin reaction. Prolonged exposure may cause chronic effects.
· **Indication of any immediate medical attention and special treatment needed** Treat symptomatically.

* 5. Fire-fighting measures

· **Extinguishing media**
· **Suitable extinguishing agents:**
Use fire fighting measures that suit the environment.
CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
· **For safety reasons unsuitable extinguishing agents:** No further relevant information.
· **Special hazards arising from the substance or mixture**
Hazardous decomposition products include: carbon dioxide, carbon monoxide and incompletely burnt hydrocarbons. During heating or in case of fire poisonous gases are produced.
· **Advice for firefighters**
· **Protective equipment:**
As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.
· **Additional information** Cool fire exposed containers with water.

* 6. Accidental release measures

· **Personal precautions, protective equipment and emergency procedures** Avoid contact with skin, eyes and clothing.

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Do not breathe vapor.
Hazard of slipping on spilt product.
Mount respiratory protective device.

· **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

· **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.

· **Protective Action Criteria for Chemicals**
Protective Action Criteria (PACs) are essential components for planning and response to uncontrolled releases of hazardous chemicals.

· **PAC-1:**
PAC 1: Mild, transient health effects.

471-34-1	calcium carbonate	45 mg/m³
57-11-4	stearic acid, pure	14 mg/m³
13463-67-7	Titanium Dioxide	30 mg/m³
67-56-1	Methanol	530 ppm
1760-24-3	N-(3-(trimethoxysilyl)propyl)ethylenediamine	23 mg/m³
2768-02-7	trimethoxyvinylsilane	9.5 ppm
14808-60-7	Quartz (SiO2)	0.075 mg/m³

· **PAC-2:**
PAC 2: Irreversible or other serious health effects that could impair the ability to take protective action.

471-34-1	calcium carbonate	210 mg/m³
57-11-4	stearic acid, pure	150 mg/m³
13463-67-7	Titanium Dioxide	330 mg/m³
67-56-1	Methanol	2,100 ppm
1760-24-3	N-(3-(trimethoxysilyl)propyl)ethylenediamine	250 mg/m³
2768-02-7	trimethoxyvinylsilane	100 ppm
14808-60-7	Quartz (SiO2)	8.3 mg/m3

· **PAC-3:**
PAC 3: Life-threatening health effects.

471-34-1	calcium carbonate	1,300 mg/m³
57-11-4	stearic acid, pure	910 mg/m³
13463-67-7	Titanium Dioxide	2,000 mg/m³
67-56-1	Methanol	7200* ppm
1760-24-3	N-(3-(trimethoxysilyl)propyl)ethylenediamine	1,500 mg/m³
2768-02-7	trimethoxyvinylsilane	120 ppm
14808-60-7	Quartz (SiO2)	50 mg/m3

· **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment. See
Section 13 for disposal information.

*
7. Handling and storage

· **Precautions for safe handling**
Avoid breathing fume/gas/mist/vapors/spray.

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Ensure good ventilation/exhaustion at the workplace. Open and handle receptacle with care.
Prevent formation of aerosols.

· **Information about protection against explosions and fires:** Keep respiratory protective device available.

· **Conditions for safe storage, including any incompatibilities**
· **Storage:**
· **Requirements to be met by storerooms and receptacles:**
Store in a well-ventilated place.
Store in a cool, dry place in tightly closed receptacles.
Store only in the original receptacle.
Protect from moisture.
· **Information about storage in one common storage facility:** See Section 10 (Incompatible materials)
· **Further information about storage conditions:** Keep receptacle tightly sealed.
· **Specific end use(s)** No further relevant information available.

* 8. Exposure controls/personal protection

· **Control parameters**
· **Components with limit values that require monitoring at the workplace:**
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.
At this time, the other constituents have no known exposure limits.

471-34-1 calcium carbonate	
PEL	Long-term value: 15* 5** mg/m³ *total dust **respirable fraction
REL	Long-term value: 10* 5** mg/m³ *total dust **respirable fraction TLV
TLV	withdrawn
1317-65-3 Calcium carbonate [Limestone]	
PEL	Short-term value: 5 mg/m³ Long-term value: 15 mg/m³
TWA	Short-term value: 5 mg/m³ Long-term value: 10 mg/m³
68515-49-1 diisodecyl phthalate	
PEL	Short-term value: 5 mg/m³
57-11-4 stearic acid, pure	
TLV	Long-term value: 10* 3** mg/m³ *inhalable, **respirable particulate matter, *A4
67-56-1 Methanol	
PEL	Long-term value: 260 mg/m³, 200 ppm
REL	Short-term value: 325 mg/m³, 250 ppm Long-term value: 260 mg/m³, 200 ppm Skin
TLV	Short-term value: 250 ppm Long-term value: 200 ppm Skin; BEIc

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14808-60-7 Quartz (SiO2)	
PEL	Long-term value: 0.05* mg/m³ *resp. dust; 30mg/m3/%SiO2+2
REL	Long-term value: 0.05* mg/m³ *respirable dust; See Pocket Guide App. A Long-
TLV	term value: 0.025* mg/m³ *respirable particulate matter, A2

· **Ingredients with biological limit values:**	
67-56-1 Methanol	
BEI	15 mg/L Medium: urine Time: end of shift Parameter: Methanol (background, nonspecific)

· **Additional information:** The lists that were valid during the creation of this SDS were used as basis.

· **Exposure controls**
· **Appropriate engineering controls** No further data; see section 7.
· **Personal protective equipment:**
· **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Store protective clothing separately.
Avoid contact with the eyes and skin.
· **Breathing equipment:**

NIOSH/OSHA or EN approved respiratory protection is recommended for use in airborne concentrations exceeding exposure limits.

· **Protection of hands:**

Protective gloves

· **Material of gloves** Any liquid-tight rubber or vinyl rubber protective gloves.
· **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
· **Eye protection:**

Tightly sealed goggles

· **Limitation and supervision of exposure into the environment** Keep away from drains, surface and ground waters.
Avoid release into the environment.

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9. Physical and chemical properties

· **Information on basic physical and chemical properties**	
· **General Information**	
· **Physical state**	Liquid
· **Color:**	See product specifications
· **Odor:**	Slight
· **Odor threshold:**	Not determined.
· **Melting point/Melting range:**	Undetermined.
· **Boiling point/Boiling range:**	≥250 °C (≥482 °F)
· **Flammability:**	Not applicable.
· **Explosion limits:**	
· **Lower:**	Not determined.
· **Upper:**	Not determined.
· **Flash point:**	>200 °C (>392 °F)
· **Auto igniting:**	≥395 °C (≥743 °F) Not
· **Decomposition temperature:**	determined. Not
· **pH-value:**	determined.
· **Viscosity:**	
· **Kinematic:**	Not determined.
· **Dynamic:**	Not determined.
· **Solubility in / Miscibility with**	
· **Water:**	Not miscible or difficult to mix.
· **Partition coefficient (n-octanol/water):**	Not determined.
· **Vapor pressure at 20 °C (68 °F):**	<1 hPa (<0.8 mm Hg)
· **Vapor pressure:**	
· **Density at 20 °C (68 °F):**	1.66 g/cm^3 (13.8527 lbs/gal)
· **Relative density**	Not determined.
· **Bulk density:**	2 kg/m^3
· **Vapor density**	Not determined.
· **Particle characteristics**	Not applicable.
· **Other information**	
· **Appearance:**	
· **Form:**	Paste
· **Important information on protection of health and environment, and on safety.**	
· **Ignition temperature:**	Product is not selfigniting.
· **Danger of explosion:**	Product does not present an explosion hazard.
· **Solvent content:**	
· **Organic solvents:**	2.0 %
· **VOC content:**	2.00 % 18.0 g/l / 0.15 lb/gal
· **Change in condition**	
· **Oxidizing properties**	None
· **Evaporation rate**	<1 (n-Butyl Acetate =1) Not determined.

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* 10. Stability and reactivity

· **Reactivity**
The product is stable under normal conditions.
No further relevant information available.
· **Chemical stability** Stable under normal conditions.
· **Thermal decomposition / conditions to be avoided:**
Thermal decomposition will result in carbon monoxide, carbon dioxide and or low molecular weight hydrocarbons.
· **Possibility of hazardous reactions** No dangerous reactions known.
· **Conditions to avoid** Incompatible Materials
· **Incompatible materials:**
Strong acids
Strong oxidizing agents.
· **Hazardous decomposition products:**
Upon decomposition, this product emits carbon monoxide, carbon dioxide and or low molecular weight hydrocarbons.

* 11. Toxicological information

· **Information on toxicological effects**
· **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**		
ATE (Acute Toxicity Estimate)		
Dermal	LD50	>55,000 mg/kg
Inhalative	LC50/4 h	49.8–67.3 mg/l

471-34-1 calcium carbonate		
Oral	LD50	6,450 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)
Inhalative	LC50/4 h	>3 mg/l (rat)
	LC50/96 hours	>56,000 Mg/l (fish)
57-11-4 stearic acid, pure		
Dermal	LD50	>5,000 mg/kg (rabbit)
13463-67-7 Titanium Dioxide		
Oral	LD50	>20,000 mg/kg (rat)
Dermal	LD50	>10,000 mg/kg (rabbit)
Inhalative	LC50/4 h	>6.82 mg/l (rat)
67-56-1 Methanol		
Oral	LD50	5,628 mg/kg (rat)
Dermal	LD50	15,800 mg/kg (rabbit)
1760-24-3 N-(3-(trimethoxysilyl)propyl)ethylenediamine		
Oral	LD50	2,413 mg/kg (rat)
Dermal	LD50	>2,009 mg/kg (rat) 16 mg/kg (rabbit) 1.49–
Inhalative	LC50/96 hours	2.44 Mg/l (rat) 597 Mg/l (zebrafish)
	LC50	>100 mg/l (fish)

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2768-02-7 trimethoxyvinylsilane		
Oral	LD50	7,120–7,236 mg/kg (rat)
Dermal	LD50	3,600–4,000 mg/kg (rabbit)
25973-55-1 2-(2H-benzotriazol-2-yl)-4,6-di-tert-pentylphenol		
Oral	LD50	>7,750 mg/kg (rat)
Dermal	LD50	>1,100 mg/kg (rabbit)

· **Primary irritant effect:**
· **on the skin:**
May cause an allergic skin reaction.
Irritant to skin and mucous membranes.
· **on the eye:** Irritating effect.
· **Sensitization:** Sensitization possible through skin contact.
· **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations: Irritant
· **Interactive effects** No interactive effects between components are known.

· **Carcinogenic categories**
· **IARC (International Agency for Research on Cancer)**
"In 1997, IARC (the International Agency for Research on Cancer) concluded that crystalline silica inhaled from occupational sources can cause lung cancer in humans. However in making the overall evaluation, IARC noted that "carcinogenicity was not detected in all industrial circumstances studied. Carcinogenicity may be dependent on inherent characteristics of the crystalline silica or on external factors affecting its biological activity or distribution of its polymorphs." (IARC Monographs on the evaluation of the carcinogenic risks of chemicals to humans, Silica, silicate dust and organic fibres, 1997, Vol. 68, IARC, Lyon, France.) In June 2003, SCOEL (the EU Scientific Committee on Occupational Exposure Limits) concluded that the main effect in humans of the inhalation of respirable crystalline silica dust is silicosis. "There is sufficient information to conclude that the relative risk of lung cancer is increased in persons with silicosis (and, apparently, not in employees without silicosis exposed to silica dust in quarries and in the ceramic industry). Therefore, preventing the onset of silicosis will also reduce the cancer risk." (SCOEL SUM Doc 94-final, June 2003) According to the current state of the art, worker protection against silicosis can be consistently assured by respecting the existing regulatory occupational exposure limits. May cause cancer. Occupational exposure to respirable dust and respirable crystalline silica should be monitored and controlled"
(a) Although IARC has classified titanium dioxide as possible carcinogenic to human (2B), their summary concludes: "No significant exposure to titanium dioxide is thought to occur during the use of products which titanium dioxide is bound to other materials, such as in cosmetics or in paints."
(b) OSHA does not regulate Titanium Dioxide as a carcinogen. However, under 29 CFR 1910.1200 the SDS must convey the fact that Titanium Dioxide is a potential carcinogen to rats.

13463-67-7	Titanium Dioxide	2B
14808-60-7	Quartz (SiO2)	1

· **NTP (National Toxicology Program)** K =
Known to be a human carcinogen

14808-60-7	Quartz (SiO2)	K

· **OSHA-Ca (Occupational Safety & Health Administration)**
None of the ingredients is listed.

· **Alternative sources for toxicological information**
No non-standard sources for toxicological information where used.

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* 12. Ecological information

· **Toxicity**
· **Aquatic toxicity:**
Harmful to aquatic life with long lasting effects.

471-34-1 calcium carbonate	
EC50	>1,000 mg/kg (daphnia)
13463-67-7 Titanium Dioxide	
EC50	>1,000 mg/kg (Water flea)
1760-24-3 N-(3-(trimethoxysilyl)propyl)ethylenediamine	
EC50	81 mg/kg (daphnia) 90 mg/kg (daphnia) 8.8 mg/kg (Green algae)
2768-02-7 trimethoxyvinylsilane	
EC50	168.7 mg/kg (daphnia)
14808-60-7 Quartz (SiO2)	
EC50	218 mg/kg (Green algae)
25973-55-1 2-(2H-benzotriazol-2-yl)-4,6-di-tert-pentylphenol	
EC50	>100 mg/kg (daphnia)

· **Persistence and degradability** No further relevant information available.
· **Bioaccumulative potential** No further relevant information available.
· **Mobility in soil** No further relevant information available.
· **Results of PBT and vPvB assessment**

· **PBT:**	
25973-55-1	2-(2H-benzotriazol-2-yl)-4,6-di-tert-pentylphenol

· **vPvB:**	
25973-55-1	2-(2H-benzotriazol-2-yl)-4,6-di-tert-pentylphenol

· **Other adverse effects**
· **Additional ecological information:**
· **General notes:**
Water hazard class 3 (Self-assessment): extremely hazardous for water
Do not allow product to reach ground water, water course or sewage system, even in small quantities. Danger to drinking water if even extremely small quantities leak into the ground.

* 13. Disposal considerations

· **Waste treatment methods**
· **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Observe all federal, state and local environmental regulations when disposing of this material.

· **Uncleaned packagings:**
· **Recommendation:** Disposal must be made according to official regulations.

* 14. Transport information

· **UN-Number**
· **DOT, IMDG, IATA** Non-Regulated Material

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· **UN proper shipping name**
· **DOT, IMDG, IATA** Non-Regulated Material
· **Transport hazard class(es)**

· **DOT, ADN, IMDG, IATA**
· **Class** Non-Regulated Material
· **Packing group**
· **DOT, IMDG, IATA** Non-Regulated Material Not
· **Environmental hazards:** applicable.
· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.
· **Special precautions for user** Not applicable.
· **UN "Model Regulation":** Non-Regulated Material

* 15. Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**
· **Sara**

· **Section 355 (extremely hazardous substances):**
None of the ingredients is listed.

· **Section 313 (Specific toxic chemical listings):**

67-56-1	Methanol

· **TSCA (Toxic Substances Control Act):**
All components have the value ACTIVE.

· **Hazardous Air Pollutants**

67-56-1	Methanol

· **Proposition 65**
· **Chemicals known to cause cancer:**

WARNING: This product can expose you to chemicals including [one or more listed chemical] which is [are] known to the State of California to cause cancer [or birth defects or other reproductive harm]. For more information, go to www.P65Warnings.ca.gov.

13463-67-7	Titanium Dioxide
14808-60-7	Quartz (SiO2)

· **Chemicals known to cause reproductive toxicity for females:**
None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**
None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

68515-49-1	diisodecyl phthalate
67-56-1	Methanol

· **New Jersey Right-to-Know List:**

1317-65-3	Calcium carbonate [Limestone]
13463-67-7	Titanium Dioxide
67-56-1	Methanol
14808-60-7	Quartz (SiO2)

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· **New Jersey Special Hazardous Substance List:**		
67-56-1	Methanol	TE, F3
14808-60-7	Quartz (SiO2)	CA

· **Pennsylvania Right-to-Know List:**	
1317-65-3	Calcium carbonate [Limestone]
13463-67-7	Titanium Dioxide
14808-60-7	Quartz (SiO2)

· **Pennsylvania Special Hazardous Substance List:**
None of the ingredients is listed.

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**
None of the ingredients is listed.

· **TLV (Threshold Limit Value)**		
13463-67-7	Titanium Dioxide	A4
14808-60-7	Quartz (SiO2)	A2

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**	
13463-67-7	Titanium Dioxide
14808-60-7	Quartz (SiO2)

· **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).
· **Hazard pictograms**

GHS07 GHS08

· **Signal word** Danger

· **Hazard-determining components of labeling:**
Calcium carbonate [Limestone]
diisodecyl phthalate
N-(3-(trimethoxysilyl)propyl)ethylenediamine
Quartz (SiO2)
trimethoxyvinylsilane
· **Hazard statements**
Causes skin and eye irritation.
May cause an allergic skin reaction.
May cause cancer.
Suspected of damaging fertility or the unborn child.
Causes damage to organs.
Causes damage to the kidneys, the liver, the thymus and the immune system through prolonged or repeated exposure. May cause damage to the lung through prolonged or repeated exposure.
· **Precautionary statements**
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 thoroughly after handling.

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Do not eat, drink or smoke when using this product.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
If on skin: Wash with plenty of water.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF exposed or concerned: Get medical advice/attention.
Get medical advice/attention if you feel unwell.
Take off contaminated clothing and wash it before reuse.
If skin irritation or rash occurs: Get medical advice/attention.
Specific treatment (see on this label).
If eye irritation persists: Get medical advice/attention.
Store locked up.
Dispose of contents/container in accordance with local/regional/national/international regulations.

· **National regulations:**

· **Information about limitation of use:**
Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases.
· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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16. Other information

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

· **Department issuing SDS:** Environment protection department.
· **SDS created by:** Access GHS, LLC - 888-363-4870 - Team@access-ghs-sds.com
· **Date of previous version** 06/08/2023
· **Version number of previous version:** 1
· **Date of preparation** 02/12/2025
· **Abbreviations and acronyms:**
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
NIOSH: National Institute for Occupational Safety and Health
OSHA: Occupational Safety & Health
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
BEI: Biological Exposure Limit
Flammable liquids 2: Flammable liquids – Category 2
Acute toxicity - oral 3: Acute toxicity – Category 3
Acute toxicity - dermal 4: Acute toxicity – Category 4
Skin irritation 2: Skin corrosion/irritation – Category 2
Eye damage 1: Serious eye damage/eye irritation – Category 1

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Eye irritation 2A: Serious eye damage/eye irritation – Category 2A
Eye irritation 2B: Serious eye damage/eye irritation – Category 2B
Sensitization - skin 1: Skin sensitisation – Category 1
Sensitization - skin 1B: Skin sensitisation – Category 1B
Carcinogenicity 1A: Carcinogenicity – Category 1A
Carcinogenicity 2: Carcinogenicity – Category 2
Reproductive toxicity 2: Reproductive toxicity – Category 2
Specific target organ toxicity (single exposure) 1: Specific target organ toxicity (single exposure) – Category 1 Specific target organ toxicity (single exposure) 3: Specific target organ toxicity (single exposure) – Category 3 Specific target organ toxicity (repeated exposure) 1: Specific target organ toxicity (repeated exposure) – Category 1 Specific target organ toxicity (repeated exposure) 2: Specific target organ toxicity (repeated exposure) – Category 2