

**SECTION 1: IDENTIFICATION****1.1. Product Identifier**

**Product Form:** This product is sold as a finished Article.

**Product Name:** StoCast Brick      **Product Code:** 81760

**1.2. Intended Use of the Product**

**Use of the Substance/Mixture:** No use is specified.

**1.3. Name, Address, and Telephone of the Responsible Party****Company**

Sto Corp.

3800 Camp Creek Pkwy

Bldg 1400, Ste 120

Atlanta, GA 30331

404-346-3666

[www.stocorp.com](http://www.stocorp.com)

**1.4. Emergency Telephone Number**

**Emergency Number** : 800-424-9300 CHEMTREC

**SECTION 2: HAZARDS IDENTIFICATION****2.1. Classification of the Substance or Mixture**

Skin Sens. 1A                      H317

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

This product is sold as an article. No exposure is expected under normal usage conditions. The following SDS details the unfinished, in process material.

**2.2. Label Elements****GHS-US Labeling****Hazard Pictograms (GHS-US)****Signal Word (GHS-US)**

: Warning

**Hazard Statements (GHS-US)**

: H317 - May cause an allergic skin reaction.

**Precautionary Statements (GHS-US)**

: P261 - Avoid breathing vapors, mist, or spray.  
 P272 - Contaminated work clothing must not be allowed out of the workplace.  
 P280 - Wear protective gloves, protective clothing, and eye protection.  
 P302+P352 - If on skin: Wash with plenty of water.  
 P321 - Specific treatment (see section 4 on this SDS).  
 P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.  
 P363 - Wash contaminated clothing before reuse.  
 P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

**2.3. Other Hazards**

This product is sold as an article. No exposure is expected under normal usage conditions. The following SDS details the unfinished, in process material.

Exposure to dust may aggravate pre-existing eye, skin, or respiratory conditions. This product contains Crystalline Silica and titanium dioxide dust that is mixed with a liquid to form a paste mixture, and therefore the dust is not likely to be dispersed into the air. If dust is released into the air, repeated exposure to respirable (airborne) crystalline silica and titanium dioxide dust may cause lung damage in the form of silicosis, lung cancer, chronic kidney disease, or respiratory irritation.

**2.4. Unknown Acute Toxicity (GHS-US)**

No data available

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.1. Substance**

Not applicable

## 3.2. Mixture

Name	Synonyms	Product Identifier	%	GHS US classification
Water	AQUA / water	(CAS-No.) 7732-18-5	<5	Not classified
Quartz	Quartz (SiO <sub>2</sub> ) / Silica, crystalline, quartz / Crystalline silica, quartz / .alpha.-Quartz	(CAS-No.) 14808-60-7	25-30	Carc. 1A, H350 STOT SE 3, H335 STOT RE 1, H372
Aluminum hydroxide (Al(OH) <sub>3</sub> )	C.I. 77002 / Alumina trihydrate / Aluminum trihydroxide	(CAS-No.) 21645-51-2	10	Not classified
Limestone	Chalk / Marble / Calcium carbonate / Limestone (sedimentary rock) / Calcite / Limestone ground / Ground limestone / Acetate, 4-methyl-2-propyl-2H-tetrahydropyran-4-yl	(CAS-No.) 1317-65-3	10-15	Not classified
Acrylic polymers		(CAS-No.) 9065-11-6	6-7	Not classified
Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> )	Talc / Magnesium silicate / Talc (containing no asbestos fibers) / Talc (containing no asbestos) / Magnesium silicate, hydrous / Asbestiform talc	(CAS-No.) 14807-96-6	2.5 – 3	STOT RE 1, H372
Carbonic acid, magnesium salt (1:1)	Magnesium carbonate / C.I. 77713	(CAS-No.) 546-93-0	1.75 – 2.25	Not classified
Perlite	Perlite, expanded / Perlit	(CAS-No.) 93763-70-3	≤ 1.5	Not classified
2,2,4-Trimethylpentane-1,3-diol monoisobutyrate	Isobutyric acid, monoester with 2,2,4-trimethylpentane-1,3-diol / Propanoic acid, 2-methyl-, monoester with 2,2,4-trimethyl-1,3-pentanediol	(CAS-No.) 25265-77-4	<1	Aquatic Acute 3, H402
Titanium dioxide	C.I. 77891 / C.I. Pigment White 6 / Titanium oxide (TiO <sub>2</sub> ) / CI 77891 / Titanium(IV) oxide	(CAS-No.) 13463-67-7	≤ 0.4	Carc. 2, H351
Glass, oxide, chemicals	Glass, oxide / Glass / Sodium calcium polyphosphate / Glass powder / Calcium sodium polyphosphate	(CAS-No.) 65997-17-3	< 0.3	Not classified
Poly(oxy-1,2-ethanediyl), .alpha.-[[(1,1,3,3-tetramethylbutyl)phenyl] .omega.-hydroxy-	Ethoxylated octylphenol / Polyethylene glycol octylphenyl ether / Polyoxyethylene (1,1,3,3-tetramethylbutyl)phenyl ether / tert-Octylphenol, ethoxylated	(CAS-No.) 9036-19-5	< 0.3	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
Cellulose, ethyl 2-hydroxyethyl ether	Ethulose / Ethylhydroxyethylcellulose	(CAS-No.) 9004-58-4	0.2	Comb. Dust
Distillates, petroleum, hydrotreated heavy naphthenic	Petroleum distillates, hydrotreated heavy naphthenic	(CAS-No.) 64742-52-5	0.15 – 0.2	Asp. Tox. 1, H304
Alcohols, C9-11, ethoxylated	Alkyl(C9-11) alcohol, ethoxylated / Polyethylene glycol, nonyl, decyl, undecyl ether	(CAS-No.) 68439-46-3	0.01 – 0.05	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Aquatic Acute 2, H401
Alcohols, C16-18, ethoxylated	Cetareth-10 / Ethoxylated cetylstearyl alcohol	(CAS-No.) 68439-49-6	0.01 – 0.05	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Aquatic Acute 1, H400
Ammonium hydroxide	Ammonia, aqueous solution / Ammonium hydroxide ((NH <sub>4</sub> )(OH)) / Ammonia aqueous	(CAS-No.) 1336-21-6	≤ 0.03	Met. Corr. 1, H290 Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 1, H400

Benzophenone	Benzoylbenzene / Diphenyl ketone / Methanone, diphenyl-	(CAS-No.) 119-61-9	0.01 – 0.03	Carc. 2, H351 STOT RE 2, H373 Aquatic Acute 2, H401 Aquatic Chronic 3, H412
Solvent naphtha, petroleum, heavy aliphatic	Solvent naphtha (petroleum), heavy aliphatic / Solvent, heavy aliphatic / CCC-400 / Heavy aliphatic solvent naphtha	(CAS-No.) 64742-96-7	0.01 – 0.02	Flam. Liq. 4, H227 Asp. Tox. 1, H304
2-Bromo-2-nitro-1,3-propanediol	Bronopol / Propane-1,3-diol, 2-bromo-2-nitro- / 1,3-Propanediol, 2-bromo-2-nitro- / 2-Bromo-2-nitropropane-1,3-diol / 2-BROMO-2-NITROPROPANE-1,3-DIOL / bronopol	(CAS-No.) 52-51-7	0.01 – 0.02	Acute Tox. 3 (Oral), H301 Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Polyethylene glycol	Poly(oxy-1,2-ethanediyl), .alpha.-hydro.-omega.-hydroxy- / PEG / Macrogols / Ethylene oxide polymer / 1,2-Ethanediol, homopolymer / Macrogol / PEG-9 / .alpha.-Hydro.-omega.-hydroxypoly(oxyethylene) / PEG-14 / .alpha.-Hydro.-omega.-hydroxypoly(oxy-1,2-ethanediyl) / Ethoxylated 1,2-ethanediol	(CAS-No.) 25322-68-3	< 0.02	STOT SE 3, H335
Residual Monomers		(CAS-NO.) Trade Secret	< 0.01	STOT SE 3, H335 STOT RE 1, H372 Asp. Tox. 1, H304 Aquatic Acute 3, H402 Aquatic Chronic 3, H412
1,2-Benzisothiazol-3(2H)-one	1,2-Benzisothiazolin-3-one / Benzisothiazolinone / 1,2-Benzisothiazolone	(CAS-No.) 2634-33-5	< 0.01	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Comb. Dust
3(2H)-Isothiazolone, 2-methyl-	2-Methyl-3-isothiazolone / 3-Isothiazolone, 2-methyl-2-Methyl-2,3-dihydroisothiazol-3-one / 2-Methylisothiazol-3(2H)-one / 3(2H)-Isothiazolon-3-one, 2-methyl- / 2-Methylisothiazolin-3(2H)-one / N-Methylisothiazolone / methylisothiazolinone	(CAS-No.) 2682-20-4	< 0.01	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 2 (Inhalation:dust,mist), H330 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 STOT SE 3, H335 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Solvent naphtha, petroleum, light aromatic	Solvent naphtha (petroleum), light aromatic / Light aromatic solvent naphtha / Aromatic 100 / Hydrocarbons, C9, aromatics	(CAS-No.) 64742-95-6	< 0.01	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
2-Propenoic acid, sodium salt	Acrylic acid, sodium salt / Sodium acrylate / 2-Propenoic acid, sodium salt (1:1) / sodium acrylate	(CAS-No.) 7446-81-3	< 0.01	Aquatic Acute 3, H402 Aquatic Chronic 3, H412

Full text of H-phrases: see section 16

The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret [29 CFR 1910.1200].



## SECTION 4: FIRST AID MEASURES

### 4.1. Description of First-aid Measures

**First-aid Measures General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

**First-aid Measures After Inhalation:** When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

**First-aid Measures After Skin Contact:** Remove contaminated clothing. Drench affected area with water for at least 5 minutes. Obtain medical attention if irritation develops or persists.

**First-aid Measures After Eye Contact:** Rinse cautiously with water for at least 5 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.

**First-aid Measures After Ingestion:** Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

### 4.2. Most Important Symptoms and Effects Both Acute and Delayed

**Symptoms/Injuries:** Skin sensitization.

**Symptoms/Injuries After Inhalation:** Prolonged exposure may cause irritation.

**Symptoms/Injuries After Skin Contact:** May cause an allergic skin reaction.

**Symptoms/Injuries After Eye Contact:** May cause slight irritation to eyes.

**Symptoms/Injuries After Ingestion:** Ingestion may cause adverse effects.

**Chronic Symptoms:** This product contains Crystalline Silica and titanium dioxide dust that is mixed with a liquid to form a paste mixture, and therefore the dust is not likely to be dispersed into the air. If dust is released into the air, repeated exposure to respirable (airborne) crystalline silica and titanium dioxide dust may cause lung damage in the form of silicosis, lung cancer, chronic kidney disease, or respiratory irritation.

### 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

## SECTION 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing Media

**Suitable Extinguishing Media:** Water spray, fog, carbon dioxide (CO<sub>2</sub>), alcohol-resistant foam, or dry chemical.

**Unsuitable Extinguishing Media:** Do not use a heavy water stream. Use of heavy stream of water may spread fire.

### 5.2. Special Hazards Arising From the Substance or Mixture

**Fire Hazard:** Not considered flammable but may burn at high temperatures.

**Explosion Hazard:** Product is not explosive.

**Reactivity:** Quartz (silica) will dissolve in hydrofluoric acid producing a corrosive gas, silicon tetrafluoride.

### 5.3. Advice for Firefighters

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products:** Acrylic monomers. Metallic oxides. Carbon oxides (CO, CO<sub>2</sub>). Acrid smoke and irritating fumes.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Avoid prolonged contact with eyes, skin and clothing. Avoid breathing (vapor, mist, spray).

#### 6.1.1. For Non-Emergency Personnel

**Protective Equipment:** Use appropriate personal protective equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

#### 6.1.2. For Emergency Personnel

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

### 6.2. Environmental Precautions

Prevent entry to sewers and public waters.

### 6.3. Methods and Materials for Containment and Cleaning Up

**For Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

### 6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

**SECTION 7: HANDLING AND STORAGE****7.1. Precautions for Safe Handling**

**Additional Hazards When Processed:** This product contains Crystalline Silica and titanium dioxide dust that is mixed with a liquid to form a paste mixture, and therefore the dust is not likely to be dispersed into the air. If dust is released into the air, repeated exposure to respirable (airborne) crystalline silica and titanium dioxide dust may cause lung damage in the form of silicosis, lung cancer, chronic kidney disease, or respiratory irritation.

**Precautions for Safe Handling:** Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid prolonged contact with eyes, skin and clothing. Avoid breathing vapors, mist, spray.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures.

**7.2. Conditions for Safe Storage, Including Any Incompatibilities**

**Technical Measures:** Comply with applicable regulations.

**Storage Conditions:** Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

**Incompatible Materials:** Strong acids, strong bases, strong oxidizers. Chlorinated rubber.

**7.3. Specific End Use(s)**

No use is specified.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control Parameters**

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), or OSHA (PEL).

<b>Quartz (14808-60-7)</b>		
<b>USA ACGIH</b>	ACGIH TWA (mg/m <sup>3</sup> )	0.025 mg/m <sup>3</sup> (respirable particulate matter)
<b>USA ACGIH</b>	ACGIH chemical category	A2 - Suspected Human Carcinogen
<b>USA NIOSH</b>	NIOSH REL (TWA) (mg/m <sup>3</sup> )	0.05 mg/m <sup>3</sup> (respirable dust)
<b>USA IDLH</b>	US IDLH (mg/m <sup>3</sup> )	50 mg/m <sup>3</sup> (respirable dust)
<b>USA OSHA</b>	OSHA PEL (TWA) (mg/m <sup>3</sup> )	50 µg/m <sup>3</sup> (Respirable crystalline silica)
<b>USA OSHA</b>	OSHA PEL (TWA) (ppm)	(250)/( %SiO <sub>2</sub> +5) mppcf TWA (respirable fraction) (10)/( %SiO <sub>2</sub> +2) mg/m <sup>3</sup> TWA (respirable fraction) (For any operations or sectors for which the respirable crystalline silica standard, 1910.1053, is stayed or otherwise not in effect, See 20 CFR 1910.1000 TABLE Z-3)
<b>Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>) (14807-96-6)</b>		
<b>USA ACGIH</b>	ACGIH TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup> (particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter)
<b>USA ACGIH</b>	ACGIH chemical category	Not Classifiable as a Human Carcinogen containing no asbestos fibers
<b>USA NIOSH</b>	NIOSH REL (TWA) (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup> (containing no Asbestos and <1% Quartz-respirable dust)
<b>USA IDLH</b>	US IDLH (mg/m <sup>3</sup> )	1000 mg/m <sup>3</sup> (containing no asbestos and <1% quartz)
<b>USA OSHA</b>	OSHA PEL (TWA) (ppm)	20 mppcf ((not containing asbestos) containing <1% quartz, if 1% quartz or more; use quartz limit) (See 29 CFR 1910.1000 TABLE Z-3)
<b>Carbonic acid, magnesium salt (1:1) (546-93-0)</b>		
<b>USA NIOSH</b>	NIOSH REL (TWA) (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> (total dust (Magnesite)) 5 mg/m <sup>3</sup> (respirable dust (Magnesite))
<b>Toluene (108-88-3)</b>		
<b>USA ACGIH</b>	ACGIH TWA (ppm)	20 ppm
<b>USA ACGIH</b>	ACGIH chemical category	Not Classifiable as a Human Carcinogen
<b>USA ACGIH</b>	Biological Exposure Indices (BEI)	0.02 mg/l Parameter: Toluene - Medium: blood - Sampling time: prior to last shift of workweek 0.03 mg/l Parameter: Toluene - Medium: urine - Sampling time: end of shift 0.3 mg/g Kreatinin Parameter: o-Cresol with hydrolysis - Medium: urine - Sampling time: end of shift (background)
<b>USA NIOSH</b>	NIOSH REL (TWA) (mg/m <sup>3</sup> )	375 mg/m <sup>3</sup>
<b>USA NIOSH</b>	NIOSH REL (TWA) [ppm]	100 ppm

<b>USA NIOSH</b>	NIOSH REL (STEL) (mg/m <sup>3</sup> )	560 mg/m <sup>3</sup>
<b>USA NIOSH</b>	NIOSH REL (STEL) [ppm]	150 ppm
<b>USA IDLH</b>	US IDLH (ppm)	500 ppm
<b>USA OSHA</b>	OSHA PEL (TWA) (ppm)	200 ppm
<b>USA OSHA</b>	OSHA PEL (Ceiling) [ppm]	300 ppm
<b>USA OSHA</b>	Acceptable Maximum Peak Above The Acceptable Ceiling Concentration For An 8-Hr Shift	500 ppm Peak (10 minutes)
<b>Methanol (67-56-1)</b>		
<b>USA ACGIH</b>	ACGIH TWA (ppm)	200 ppm
<b>USA ACGIH</b>	ACGIH STEL (ppm)	250 ppm
<b>USA ACGIH</b>	ACGIH chemical category	Skin - potential significant contribution to overall exposure by the cutaneous route
<b>USA ACGIH</b>	Biological Exposure Indices (BEI)	15 mg/l Parameter: Methanol - Medium: urine - Sampling time: end of shift (background, nonspecific)
<b>USA NIOSH</b>	NIOSH REL (TWA) (mg/m <sup>3</sup> )	260 mg/m <sup>3</sup>
<b>USA NIOSH</b>	NIOSH REL (TWA) [ppm]	200 ppm
<b>USA NIOSH</b>	NIOSH REL (STEL) (mg/m <sup>3</sup> )	325 mg/m <sup>3</sup>
<b>USA NIOSH</b>	NIOSH REL (STEL) [ppm]	250 ppm
<b>USA IDLH</b>	US IDLH (ppm)	6000 ppm
<b>USA OSHA</b>	OSHA PEL (TWA) (mg/m <sup>3</sup> )	260 mg/m <sup>3</sup>
<b>USA OSHA</b>	OSHA PEL (TWA) (ppm)	200 ppm
<b>Titanium dioxide (13463-67-7)</b>		
<b>USA ACGIH</b>	ACGIH TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
<b>USA ACGIH</b>	ACGIH chemical category	Not Classifiable as a Human Carcinogen
<b>USA NIOSH</b>	NIOSH REL (TWA) (mg/m <sup>3</sup> )	2.4 mg/m <sup>3</sup> (CIB 63-fine) 0.3 mg/m <sup>3</sup> (CIB 63-ultrafine, including engineered nanoscale)
<b>USA IDLH</b>	US IDLH (mg/m <sup>3</sup> )	5000 mg/m <sup>3</sup>
<b>USA OSHA</b>	OSHA PEL (TWA) (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup> (total dust)
<b>Polyethylene glycol (25322-68-3)</b>		
<b>USA AIHA</b>	WEEL TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> (molecular weight>200-aerosol)
<b>Limestone (1317-65-3)</b>		
<b>USA NIOSH</b>	NIOSH REL (TWA) (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable dust)
<b>USA OSHA</b>	OSHA PEL (TWA) (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable fraction)
<b>Glass, oxide, chemicals (65997-17-3)</b>		
<b>USA NIOSH</b>	NIOSH REL (TWA) (mg/m <sup>3</sup> )	3 fibers/cm <sup>3</sup> (fibers ≤3.5 μm in diameter & ≥10μm in length), TWA 5mg/m <sup>3</sup> (total)
<b>USA OSHA</b>	OSHA PEL (TWA) (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup> total dust, 5 mg/m <sup>3</sup> , respirable fraction 8 hr
<b>Perlite (93763-70-3)</b>		
<b>USA NIOSH</b>	NIOSH REL (TWA) (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable dust)
<b>USA OSHA</b>	OSHA PEL (TWA) (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup> (General Industry - total dust)
<b>Benzophenone (119-61-9)</b>		
<b>USA AIHA</b>	WEEL TWA (mg/m <sup>3</sup> )	0.5 mg/m <sup>3</sup>
<b>Residual Monomers</b>		
	Internal OEL Value(s)	Internal TWA: 4 ppm (Skin); Internal STEL: 10 ppm (Skin)
<b>USA ACGIH</b>	ACGIH TWA (ppm)	20 ppm

**8.2. Exposure Controls****Appropriate Engineering Controls**

: Suitable eye/body wash equipment should be available in the vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

**Personal Protective Equipment**

: Gloves. Protective clothing. Protective goggles.

**Materials for Protective Clothing**

: Chemically resistant materials and fabrics.

**Hand Protection**

: Wear protective gloves.

**Eye and Face Protection**

: Chemical safety goggles.

**Skin and Body Protection**

: Wear suitable protective clothing.

**Respiratory Protection**

: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

**Other Information**

: When using, do not eat, drink or smoke.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1. Information on Basic Physical and Chemical Properties**

Physical State	: Solid Article
Appearance	: No data available
Odor	: No data available
Odor Threshold	: No data available
pH	: No data available
Evaporation Rate	: No data available
Melting Point	: No data available
Freezing Point	: No data available
Boiling Point	: No data available
Flash Point	: No data available
Auto-ignition Temperature	: No data available
Decomposition Temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapor Pressure	: No data available
Relative Vapor Density at 20°C	: No data available
Relative Density	: No data available
Density	: 15.1 lb/gal
Solubility	: No data available
Partition Coefficient: N-Octanol/Water	: No data available
Viscosity	: No data available

**9.2. Other Information** No additional information available**SECTION 10: STABILITY AND REACTIVITY**

- 10.1. Reactivity:** Quartz (silica) will dissolve in hydrofluoric acid producing a corrosive gas, silicon tetrafluoride.
- 10.2. Chemical Stability:** Stable under recommended handling and storage conditions (see section 7).
- 10.3. Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.
- 10.4. Conditions to Avoid:** Direct sunlight, extremely high or low temperatures, and incompatible materials.
- 10.5. Incompatible Materials:** Strong acids, strong bases, strong oxidizers. Chlorinated rubber.
- 10.6. Hazardous Decomposition Products:** Thermal decomposition may produce : Acrylic monomers. Carbon oxides (CO, CO<sub>2</sub>). Acrid smoke and irritating fumes. Metal oxides.

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1. Information on Toxicological Effects****Acute Toxicity (Oral):** Not classified**Acute Toxicity (Dermal):** Not classified**Acute Toxicity (Inhalation):** Not classified

Quartz (14808-60-7)	
LD50 Oral Rat	> 5000 mg/kg
LD50 Dermal Rat	> 5000 mg/kg



<b>Aluminum hydroxide (Al(OH)3) (21645-51-2)</b>	
LD50 Oral Rat	> 5000 mg/kg
<b>Distillates, petroleum, hydrotreated heavy naphthenic (64742-52-5)</b>	
LD50 Oral Rat	> 5000 mg/kg
LD50 Dermal Rat	> 2000 mg/kg
LD50 Dermal Rabbit	> 2000 mg/kg
LC50 Inhalation Rat	> 5 mg/l/4h
<b>Alcohols, C16-18, ethoxylated (68439-49-6)</b>	
LD50 Oral Rat	1260 mg/kg
<b>Alcohols, C9-11, ethoxylated (68439-46-3)</b>	
LD50 Oral Rat	1400 mg/kg
LD50 Dermal Rat	> 2000 mg/kg
<b>Solvent naphtha, petroleum, heavy aliphatic (64742-96-7)</b>	
LD50 Oral Rat	> 5000 mg/kg
LD50 Dermal Rabbit	> 2000 mg/kg
LC50 Inhalation Rat	> 5.28 mg/l/4h
<b>2-Bromo-2-nitro-1,3-propanediol (52-51-7)</b>	
LD50 Oral Rat	180 mg/kg
LD50 Dermal Rat	1600 mg/kg
LC50 Inhalation Rat	> 5 g/m <sup>3</sup> (Exposure time: 6 h)
<b>3(2H)-Isothiazolone, 2-methyl- (2682-20-4)</b>	
LD50 Oral Rat	120 mg/kg
LD50 Dermal Rabbit	200 mg/kg
LC50 Inhalation Rat	0.11 mg/l/4h
<b>1,2-Benzisothiazol-3(2H)-one (2634-33-5)</b>	
LD50 Oral Rat	1020 mg/kg
<b>Solvent naphtha, petroleum, light aromatic (64742-95-6)</b>	
LD50 Oral Rat	8400 mg/kg
LD50 Dermal Rabbit	> 2000 mg/kg
LC50 Inhalation Rat	3400 ppm/4h
<b>1,3-Propanediol, 2-ethyl-2-(hydroxymethyl)- (77-99-6)</b>	
LD50 Oral Rat	14100 mg/kg
<b>Toluene (108-88-3)</b>	
LD50 Oral Rat	2600 mg/kg
LD50 Dermal Rabbit	12000 mg/kg
LC50 Inhalation Rat	25.7 mg/l/4h
ATE (Dermal)	12,000.00 mg/kg body weight
<b>Methanol (67-56-1)</b>	
LD50 Dermal Rabbit	15840 mg/kg
LC50 Inhalation Rat	22500 ppm (Exposure time: 8 h)
ATE (Oral)	100.00 mg/kg body weight
ATE (Dermal)	300.00 mg/kg body weight
ATE (Vapors)	3.00 mg/l/4h
<b>Titanium dioxide (13463-67-7)</b>	
LD50 Oral Rat	> 10000 mg/kg
<b>Polyethylene glycol (25322-68-3)</b>	
LD50 Oral Rat	22 g/kg
LD50 Dermal Rabbit	> 20 g/kg
<b>Poly(oxy-1,2-ethanediyl), .alpha.-[(1,1,3,3-tetramethylbutyl)phenyl]-.omega.-hydroxy- (9036-19-5)</b>	
LD50 Oral Rat	1700 mg/kg
<b>2,2,4-Trimethylpentane-1,3-diol monoisobutyrate (25265-77-4)</b>	
LD50 Oral Rat	3200 mg/kg
LD50 Dermal Rat	> 15200 mg/kg

LC50 Inhalation Rat	> 3.55 mg/l (Exposure time: 6 h)
<b>Perlite (93763-70-3)</b>	
LD50 Oral Rat	12960 mg/kg (Mouse)
<b>Benzophenone (119-61-9)</b>	
LD50 Oral Rat	> 10 g/kg
LD50 Dermal Rabbit	3535 mg/kg
<b>Ammonium hydroxide (1336-21-6)</b>	
LD50 Oral Rat	350 mg/kg

**Skin Corrosion/Irritation:** Not classified

**Serious Eye Damage/Irritation:** Not classified

**Respiratory or Skin Sensitization:** May cause an allergic skin reaction.

**Germ Cell Mutagenicity:** Not classified

**Carcinogenicity:** Not classified.

<b>Quartz (14808-60-7)</b>	
IARC group	1
National Toxicology Program (NTP) Status	Known Human Carcinogens.
OSHA Hazard Communication Carcinogen List	In OSHA Hazard Communication Carcinogen list.
<b>Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>) (14807-96-6)</b>	
IARC group	3
National Toxicology Program (NTP) Status	Evidence of Carcinogenicity.
<b>Toluene (108-88-3)</b>	
IARC group	3
<b>Titanium dioxide (13463-67-7)</b>	
IARC group	2B
OSHA Hazard Communication Carcinogen List	In OSHA Hazard Communication Carcinogen list.
<b>Glass, oxide, chemicals (65997-17-3)</b>	
IARC group	3
National Toxicology Program (NTP) Status	Reasonably anticipated to be Human Carcinogen.
<b>Benzophenone (119-61-9)</b>	
IARC group	2B
National Toxicology Program (NTP) Status	Evidence of Carcinogenicity.
OSHA Hazard Communication Carcinogen List	In OSHA Hazard Communication Carcinogen list.

**Reproductive Toxicity:** Not classified

**Specific Target Organ Toxicity (Single Exposure):** Not classified

**Specific Target Organ Toxicity (Repeated Exposure):** Not classified.

**Aspiration Hazard:** Not classified

**Symptoms/Injuries After Inhalation:** Prolonged exposure may cause irritation.

**Symptoms/Injuries After Skin Contact:** May cause an allergic skin reaction.

**Symptoms/Injuries After Eye Contact:** May cause slight irritation to eyes.

**Symptoms/Injuries After Ingestion:** Ingestion may cause adverse effects.

**Chronic Symptoms:** This product contains Crystalline Silica and titanium dioxide dust that is mixed with a liquid to form a paste mixture, and therefore the dust is not likely to be dispersed into the air. If dust is released into the air, repeated exposure to respirable (airborne) crystalline silica and titanium dioxide dust may cause lung damage in the form of silicosis, lung cancer, chronic kidney disease, or respiratory irritation.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

**Ecology - General** : Not classified.

<b>Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>) (14807-96-6)</b>	
LC50 Fish 1	> 100 g/l (Exposure time: 96 h - Species: Brachydanio rerio [semi-static])
<b>Distillates, petroleum, hydrotreated heavy naphthenic (64742-52-5)</b>	
LC50 Fish 1	> 5000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
EC50 Daphnia 1	> 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)
<b>Alcohols, C9-11, ethoxylated (68439-46-3)</b>	

LC50 Fish 1	6 – 12 mg/l (Exposure time : 96 h - Species: Pimephales promelas)
EC50 Daphnia 1	2.217 – 3.523 mg/l (Exposure time: 48 h - Species: Daphnia magna)
<b>2-Bromo-2-nitro-1,3-propanediol (52-51-7)</b>	
ErC50 (Algae)	0.15 mg/l (Species: Skeletonema costatum)
<b>1,2-Benzisothiazol-3(2H)-one (2634-33-5)</b>	
EC50 Daphnia 1	0.99 mg/l
<b>Solvent naphtha, petroleum, light aromatic (64742-95-6)</b>	
LC50 Fish 1	9.22 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
EC50 Daphnia 1	6.14 mg/l (Exposure time: 48 h - Species: Daphnia magna)
<b>1,3-Propanediol, 2-ethyl-2-(hydroxymethyl)- (77-99-6)</b>	
EC50 Daphnia 1	13000 mg/l (Exposure time: 48 h - Species: Daphnia species)
EC50 Daphnia 2	10330 – 16360 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
<b>Toluene (108-88-3)</b>	
LC50 Fish 1	15.22 (15.22 – 19.05) mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	5.46 (5.46 – 9.83) mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
LC50 Fish 2	12.6 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 2	11.5 mg/l (Exposure time: 48 h - Species: Daphnia magna)
NOEC Chronic Fish	1.4 mg/l (Oncorhynchus kisutch)
NOEC Chronic Crustacea	0.74 mg/l (Ceriodaphnia dubia)
<b>Methanol (67-56-1)</b>	
LC50 Fish 1	28200 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	1340 mg/l
LC50 Fish 2	> 100 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
<b>Poly(oxy-1,2-ethanediyl), .alpha.-[(1,1,3,3-tetramethylbutyl)phenyl]-.omega.-hydroxy- (9036-19-5)</b>	
LC50 Fish 1	7.2 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 Daphnia 1	8.6 mg/l (Exposure time: 48 h - Species: Daphnia magna [static])
NOEC Chronic Fish	0.084 ppm
NOEC Chronic Crustacea	0.037 ppm
<b>2-Propenoic acid, sodium salt (7446-81-3)</b>	
LC50 Fish 1	27 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through])
<b>2,2,4-Trimethylpentane-1,3-diol monoisobutyrate (25265-77-4)</b>	
LC50 Fish 1	30 mg/l (Exposure time: 96 h - Species: Pimephales promelas)
LC50 Fish 2	33 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
ErC50 (Algae)	18.4 mg/l
NOEC Chronic Algae	3.28 mg/l
<b>Benzophenone (119-61-9)</b>	
LC50 Fish 1	13.2 – 15.3 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
ErC50 (Algae)	3.53 mg/l
NOEC Chronic Crustacea	0.2 mg/l
<b>Ammonium hydroxide (1336-21-6)</b>	
LC50 Fish 1	8.2 mg/l (Exposure time: 96 h - Species: Pimephales promelas)
EC50 Daphnia 1	0.66 mg/l (Exposure time: 48 h - Species: water flea)
EC50 Daphnia 2	0.66 mg/l (Exposure time: 48 h - Species: Daphnia pulex)
NOEC Chronic Crustacea	3.47 mg/l

**12.2. Persistence and Degradability**

<b>ARMAT Classic Plus</b>	
Persistence and Degradability	Not established.
<b>Residual Monomers</b>	
Persistence and Degradability	Readily biodegradable.

**12.3. Bioaccumulative Potential**

<b>ARMAT Classic Plus</b>
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<b>Bioaccumulative Potential</b>	Not established.
<b>Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>) (14807-96-6)</b>	
<b>BCF Fish 1</b>	(no known bioaccumulation)
<b>1,2-Benzisothiazol-3(2H)-one (2634-33-5)</b>	
<b>Partition coefficient n-octanol/water (Log Pow)</b>	1.3 (at 25 °C)
<b>1,3-Propanediol, 2-ethyl-2-(hydroxymethyl)- (77-99-6)</b>	
<b>BCF Fish 1</b>	0.14
<b>Partition coefficient n-octanol/water (Log Pow)</b>	-2.37
<b>Toluene (108-88-3)</b>	
<b>Partition coefficient n-octanol/water (Log Pow)</b>	2.7
<b>Methanol (67-56-1)</b>	
<b>BCF Fish 1</b>	< 10
<b>Partition coefficient n-octanol/water (Log Pow)</b>	-0.77
<b>2,2,4-Trimethylpentane-1,3-diol monoisobutyrate (25265-77-4)</b>	
<b>Partition coefficient n-octanol/water (Log Pow)</b>	3.47 (at 25 °C)
<b>Benzophenone (119-61-9)</b>	
<b>BCF Fish 1</b>	3.4 – 9.2
<b>Partition coefficient n-octanol/water (Log Pow)</b>	3.2
<b>Residual Monomers</b>	
<b>Partition coefficient n-octanol/water (Log Pow)</b>	0.93

**12.4. Mobility in Soil**

<b>Residual Monomers</b>	
<b>Partition coefficient n-octanol/water (Log Koc)</b>	15

**12.5. Other Adverse Effects**

**Other Information** : Avoid release to the environment.

**SECTION 13: DISPOSAL CONSIDERATIONS****13.1. Waste Treatment Methods**

**Waste Disposal Recommendations:** Dispose of contents/container in accordance with local, regional, national, and international regulations.

**Ecology - Waste Materials:** Avoid release to the environment.

**SECTION 14: TRANSPORT INFORMATION**

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

**14.1. In Accordance with DOT** Not regulated for transport

**14.2. In Accordance with IMDG** Not regulated for transport

**14.3. In Accordance with IATA** Not regulated for transport

**SECTION 15: REGULATORY INFORMATION****15.1. US Federal Regulations**

<b>Quartz (14808-60-7)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Water (7732-18-5)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Aluminum hydroxide (Al(OH)<sub>3</sub>) (21645-51-2)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	



<b>Talc (Mg3H2(SiO3)4) (14807-96-6)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Carbonic acid, magnesium salt (1:1) (546-93-0)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Cellulose, ethyl 2-hydroxyethyl ether (9004-58-4)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>EPA TSCA Regulatory Flag</b>	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).
<b>Distillates, petroleum, hydrotreated heavy naphthenic (64742-52-5)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Alcohols, C16-18, ethoxylated (68439-49-6)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>EPA TSCA Regulatory Flag</b>	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).
<b>Alcohols, C9-11, ethoxylated (68439-46-3)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>EPA TSCA Regulatory Flag</b>	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).
<b>Solvent naphtha, petroleum, heavy aliphatic (64742-96-7)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>2-Bromo-2-nitro-1,3-propanediol (52-51-7)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>3(2H)-Isothiazolone, 2-methyl- (2682-20-4)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>EPA TSCA Regulatory Flag</b>	PMN - PMN - indicates a commenced PMN substance. SP - SP - indicates a substance that is identified in a proposed Significant New Uses Rule.
<b>1,2-Benzisothiazol-3(2H)-one (2634-33-5)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Solvent naphtha, petroleum, light aromatic (64742-95-6)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>1,3-Propanediol, 2-ethyl-2-(hydroxymethyl)- (77-99-6)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Toluene (108-88-3)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313	
<b>CERCLA RQ</b>	1000 lb
<b>SARA Section 313 - Emission Reporting</b>	1 %
<b>Methanol (67-56-1)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313	
<b>CERCLA RQ</b>	5000 lb
<b>SARA Section 313 - Emission Reporting</b>	1 %
<b>Titanium dioxide (13463-67-7)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Polyethylene glycol (25322-68-3)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>EPA TSCA Regulatory Flag</b>	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).
<b>Poly(oxy-1,2-ethanediyl), .alpha.-[({1,1,3,3-tetramethylbutyl}phenyl)-.omega.-hydroxy- (9036-19-5)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>EPA TSCA Regulatory Flag</b>	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).



<b>Limestone (1317-65-3)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>2-Propenoic acid, sodium salt (7446-81-3)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Glass, oxide, chemicals (65997-17-3)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>2,2,4-Trimethylpentane-1,3-diol monoisobutyrate (25265-77-4)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Benzophenone (119-61-9)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Ammonium hydroxide (1336-21-6)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>CERCLA RQ</b>	1000 lb

## 15.2. US State Regulations

<b>Quartz (14808-60-7)</b>
U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List
<b>Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>) (14807-96-6)</b>
U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List
<b>Carbonic acid, magnesium salt (1:1) (546-93-0)</b>
U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List
<b>Toluene (108-88-3)</b>
U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List U.S. - Pennsylvania - RTK (Right to Know) List
<b>Methanol (67-56-1)</b>
U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List U.S. - Pennsylvania - RTK (Right to Know) List
<b>Titanium dioxide (13463-67-7)</b>
U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List
<b>Limestone (1317-65-3)</b>
U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List
<b>Perlite (93763-70-3)</b>
U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List
<b>Ammonium hydroxide (1336-21-6)</b>
U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List U.S. - Pennsylvania - RTK (Right to Know) List

**California Proposition 65**

**WARNING:** This product can expose you to Benzophenone, which is known to the State of California to cause cancer, and Toluene, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Chemical Name (CAS No.)	Carcinogenicity	Developmental Toxicity	Female Reproductive Toxicity	Male Reproductive Toxicity
Quartz (14808-60-7)	X			
Toluene (108-88-3)		X		
Methanol (67-56-1)		X		
Titanium dioxide (13463-67-7)	X			
Benzophenone (119-61-9)	X			

**SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION**

**Date of Preparation or Latest Revision** : 01/01/2025

**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200  
The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret [29 CFR 1910.1200].

**GHS Full Text Phrases:**

Acute Tox. 2 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 2
Acute Tox. 3 (Dermal)	Acute toxicity (dermal) Category 3
Acute Tox. 3 (Inhalation:vapor)	Acute toxicity (inhalation:vapor) Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral) Category 3
Acute Tox. 4 (Dermal)	Acute toxicity (dermal) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Acute 2	Hazardous to the aquatic environment - Acute Hazard Category 2
Aquatic Acute 3	Hazardous to the aquatic environment - Acute Hazard Category 3
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment - Chronic Hazard Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment - Chronic Hazard Category 3
Asp. Tox. 1	Aspiration hazard Category 1
Carc. 1A	Carcinogenicity Category 1A
Carc. 2	Carcinogenicity Category 2
Comb. Dust	Combustible Dust
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Flam. Liq. 2	Flammable liquids Category 2
Flam. Liq. 4	Flammable liquids Category 4
Met. Corr. 1	Corrosive to metals Category 1
Repr. 2	Reproductive toxicity Category 2
Skin Corr. 1B	Skin corrosion/irritation Category 1B
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitization, Category 1
Skin Sens. 1A	Skin sensitization, category 1A
STOT RE 1	Specific target organ toxicity (repeated exposure) Category 1
STOT RE 2	Specific target organ toxicity (repeated exposure) Category 2
STOT SE 1	Specific target organ toxicity (single exposure) Category 1
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H225	Highly flammable liquid and vapor

H227	Combustible liquid
H290	May be corrosive to metals
H301	Toxic if swallowed
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H311	Toxic in contact with skin
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H330	Fatal if inhaled
H331	Toxic if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H350	May cause cancer
H351	Suspected of causing cancer
H361	Suspected of damaging fertility or the unborn child
H370	Causes damage to organs
H372	Causes damage to organs through prolonged or repeated exposure
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H401	Toxic to aquatic life
H402	Harmful to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*

SDS US (GHS HazCom)