

## SAFETY DATA SHEET

### SECTION 1: IDENTIFICATION

#### 1.1 PRODUCT IDENTIFIER

**Product Name:** GACOFLEX SEAMSEAL SOLVENT-FREE SILICONE SEALANT

**Product Code:** SF2000, SF2000-1, SF2000-5, SF2000-Q

#### 1.2 RECOMMENDED USE OF CHEMICAL AND RESTRICTIONS ON USE

**Product Use:** Architectural Coating and Waterproofing

Use this product in accordance with all local, regional, national and international regulations.

#### 1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

**Name/Address:** Firestone Building Products

200 4th Avenue South

Nashville, TN 37201

Gaco is a Firestone Building Products brand

**Telephone Number:** 800-331-0196 / **International:** 001-800-331-0196

**Email:** [sds@gaco.com](mailto:sds@gaco.com)

**Website:** [www.gaco.com](http://www.gaco.com)

#### 1.4 EMERGENCY TELEPHONE NUMBER

**Emergency Telephone Number:**

For Chemical Emergency

Spill, Leak, Fire, Exposure, or Incident

Within USA and Canada: 1-800-424-9300

Outside USA and Canada: +1-703-527-3887 (collect calls accepted)

### SECTION 2: HAZARD(S) IDENTIFICATION

#### 2.1 CLASSIFICATION OF THE CHEMICAL

**Hazard class**

HAZARD CLASSIFICATION	CATEGORY
Flammable Liquids	4
Eye Damage/Irritation	2A
Sensitization – Skin	1B
Toxic to Reproduction - fertility	2
Specific Target Organ Toxicity – (Repeated Exposure) – STOT RE (Oral, Cardiovascular/Blood)	2

#### 2.2 LABEL ELEMENTS

**Hazard Pictogram:**

GHS07; GHS08



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<b>Signal Word:</b>	WARNING
<b>Hazard Statement:</b>	Combustible liquid May cause an allergic skin reaction Causes serious eye irritation Suspected of damaging fertility May cause damage to organs (cardiovascular/blood) through prolonged or repeated exposure (Oral)
<b>Prevention:</b>	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces/sparks/open flames/hot surfaces. -No smoking. Do not breathe dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.
<b>Response:</b>	In case of fire: Use Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2) to extinguish. Specific treatment (see section 8 on this label). Get Medical advice/attention if you feel unwell. If on skin: Wash with plenty of water. If skin irritation or a rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
<b>Storage:</b>	Store in a well-ventilated place. Keep cool. Store locked up.
<b>Disposal:</b>	Dispose of contents and container in accordance with all local, regional, national and international regulations.

### 2.3 ADDITIONAL INFORMATION

<b>Main Symptoms:</b>	Prolonged exposure may cause chronic effects. Suspected of damaging fertility. May cause damage to organs (cardiovascular/blood) through prolonged or repeated exposure (Oral). May cause allergic skin reaction. Dermatitis. Rash. Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
<b>Hazards not otherwise specified:</b>	None Known

50 % of the mixture consists of ingredient(s) of unknown acute toxicity

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 MIXTURES

Material	CAS No.	Weight %*
Dimethyl siloxane, hydroxy-terminated	70131-67-8	30-60%
Silica, quartz (dust)	14808-60-7	15-40%
Titanium dioxide (dust)	13463-67-7	3-7%
Butan-2-one O,O',O''-(methylsilyldiyl)trioxime	22984-54-9	1-5%
Octamethylcyclotetrasiloxane	556-67-2	1-5%
Aminopropyltriethoxysilane	919-30-2	0.1-1.0%

\*The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

## SECTION 4: FIRST-AID MEASURES

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### 4.1 DESCRIPTION OF THE FIRST AID MEASURES

<b>General Information:</b>	If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.
<b>Inhalation:</b>	Move to fresh air. Call a physician if symptoms occur.
<b>Skin:</b>	Wash skin with plenty of soap and water. Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and bring along these instructions.
<b>Eye:</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
<b>Ingestion:</b>	Rinse mouth. Get medical attention if symptoms occur.

### 4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Prolonged exposure may cause chronic effects.  
 Suspected of damaging fertility.  
 May cause damage to organs (cardiovascular/blood) through prolonged or repeated exposure (Oral)  
 May cause allergic skin reaction. Dermatitis. Rash.  
 Direct contact with eyes or skin may cause temporary irritation.

### 4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENTS NEEDED

<b>Note to Physicians:</b>	Treat symptomatically. Symptoms may be delayed.
<b>Specific Treatments:</b>	In case of accident or if you feel unwell, seek medical advice (show the label or SDS where possible).

## SECTION 5: FIRE-FIGHTING MEASURES

#### 5.1 EXTINGUISHING MEDIA

<b>General Hazards:</b>	Combustible liquid.
<b>Suitable Extinguishing Media:</b>	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2)
<b>Unsuitable Extinguishing Media:</b>	Do not use water jet as an extinguisher as this will spread the fire.

#### 5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

<b>Specific Hazards:</b>	The product is combustible, and heating may generate vapors which may form explosive vapor/air mixtures. During fire, gases hazardous to health may be formed.
<b>Products of Combustion:</b>	May include, and are not limited to: oxides of carbon.

#### 5.3 Special protective equipment and precautions for fire-fighters (PPE)

<b>Special protective equipment for fire-fighters:</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Special fire-fighting procedures:</b>	Keep upwind of fire. Move containers from fire area if you can do it without risk.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained.

**6.2 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING - UP**

**Methods for Containment:** Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Take precautionary measures against static discharge. Use only non-sparking tools. Keep combustibles (wood, paper, oil, etc.) away from spilled material.

**Methods for Cleaning-Up:** Stop the flow of material, if this is without risk. Dike far ahead of spill for later disposal. Following product recovery, flush area with water. For waste disposal, see Section 13 of the SDS.

**Large Spills:** Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

**Small Spills:** Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. For waste disposal, see Section 13 of the SDS.

**Environmental Precautions:** Avoid discharge into drains, water courses or onto the ground.

**SECTION 7: HANDLING AND STORAGE**

**7.1 PRECAUTIONS FOR SAFE HANDLING**

**Safe handling advice:** Keep away from open flames, hot surfaces and sources of ignition. When using do not smoke. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

**General hygiene advice:** Ensure that medical personnel are aware of the materials(s) involved, and take precautions to protect themselves.

**7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES**

**Storage:** Keep away from heat, sparks and open flame. Keep container tightly closed. Store in a cool and well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

**Specific use:** Architectural Coating and waterproofing

**Technical measures:** Vapors may form explosive mixtures with air. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment.

**Incompatible materials:** None known, avoid strong oxidizing agents.

**Safe storage:** Keep away from heat, sparks and open flame. Keep container tightly closed. Store in a cool, dry place out of direct sunlight. Store in a well-ventilated place. Keep in an area equipped with sprinklers.

**Safe packaging material:** No specific recommendations.

**Precautions:** Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Take precautionary measures against static discharges.

**Safe handling advice:** Observe good industrial hygiene practices.

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<b>Suitable storage conditions:</b>	Keep away from heat, sparks and open flame. Keep container tightly closed. Store in a cool, dry place out of direct sunlight. Store in a well-ventilated place. Keep in an area equipped with sprinklers.
<b>Handling-technical measures:</b>	Use non-sparking tools and explosion-proof equipment. All equipment used when handling this product must be grounded.
<b>Local and general ventilation:</b>	Provide adequate ventilation.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 CONTROL PARAMETERS

**Control parameters:** Follow standard monitoring procedures.

**Exposure limits:**

**Silica, quartz (dust)**

OSHA:

PEL†: 0.1 mg/m<sup>3</sup> (resp) See Appendix C (Mineral Dusts)

Notes: TWA TOTAL DUST = (30mg/m<sup>3</sup>)/(%SiO<sub>2</sub>+2)

TWA RESPIRABLE FRACTION = (10mg/m<sup>3</sup>)/(%SiO<sub>2</sub>+2)

NIOSH:

REL: Ca TWA 0.05 mg/m<sup>3</sup> See Appendix A

ACGIH TLV: (0.05 mg/m<sup>3</sup> (resp)

IDLH mg/m<sup>3</sup>: 50

IDLH Notes: Ca

No significant exposure to primary particles of silica dust is thought to occur during the use of products in which silica dust is bound to other materials, such as in paints.

**Titanium dioxide (dust)**

OSHA:

PEL†: TWA 15 mg/m<sup>3</sup>

TWA: 15 mg/m<sup>3</sup> total dust

(vacated) TWA: 10 mg/m<sup>3</sup> total dust

NIOSH:

IDLH: 5000 mg/m<sup>3</sup>

REL: Ca See Appendix A

ACGIH:

TWA: 10 mg/m<sup>3</sup>

No significant exposure to primary particles of titanium dioxide is thought to occur during the use of products in which titanium dioxide is bound to other materials, such as in paints

#### 8.2 EXPOSURE CONTROLS

**Engineering measured to reduce exposure:**

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

#### 8.3 INDIVIDUAL PROTECTIVE MEASURES

<b>General:</b>	Use personal protective equipment as required.
<b>Eye protection:</b>	Wear safety glasses with side shields (or goggles).
<b>Hand protection:</b>	Wear appropriate chemical resistant gloves.

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<b>Respiratory protection:</b>	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.
<b>Skin and body protection:</b>	Wear appropriate chemical resistant clothing.
<b>Hygiene measures:</b>	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.
<b>Control parameters:</b>	Follow standard monitoring procedures.
<b>Thermal hazards:</b>	Wear appropriate thermal protective clothing, when necessary.

**Environmental exposure controls:** Environmental manager must be informed of all major releases.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Viscous white liquid
<b>Color:</b>	WHITE
<b>Form:</b>	Liquid
<b>Odor:</b>	Sweet, mild solvent
<b>Odor Threshold:</b>	Not available
<b>Physical State:</b>	Liquid
<b>pH (at 20°C):</b>	Not applicable
<b>Melting Point/Freezing Point:</b>	Not available
<b>Initial Boiling Point and Boiling Range:</b>	Not available
<b>Flash Point:</b>	169°F/76°C
<b>Evaporation Rate:</b>	Not available
<b>Flammability (solid, gaseous):</b>	Combustible liquid
<b>Lower Flammability/Explosive Limit:</b>	Not available
<b>Upper Flammability/Explosive Limit:</b>	Not available
<b>Evaporation rate:</b>	Not available
<b>Vapor Pressure (mm Hg @38°C):</b>	Not available
<b>Vapor Density:</b>	Not available
<b>Density (lb/gal):</b>	11.47
<b>Relative Density/Specific Gravity:</b>	1.38
<b>Solubility in water/miscibility:</b>	Not soluble in water
<b>Partition coefficient: n-octanol/water:</b>	Not available
<b>Auto-ignition Temperature:</b>	Not available
<b>Decomposition Temperature:</b>	Not available
<b>Viscosity (at 25°C):</b>	5500 cps
<b>Oxidizing Properties:</b>	None known
<b>Explosive Properties:</b>	Not available
<b>EPA VOC (Method 24):</b>	37 g/L (0.309 lb/gal)
<b>SCAQMD VOC (Method 24):</b>	<50 g/L (<0.417 lb/gal)
<b>Solvent content - Organic:</b>	Not available
<b>Solvent content - Water:</b>	0.00%
<b>Solvent content - Solids:</b>	94.52%
<b>Other information:</b>	Not available
<b>Incompatibilities:</b>	None known, avoid strong oxidizing agents.

### SECTION 10: STABILITY AND REACTIVITY

<b>10.1 REACTIVITY:</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
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**10.2 CHEMICAL STABILITY**

**Chemical stability:** Material is stable under normal conditions.  
**Materials to avoid:** The product is stable and non-reactive under normal conditions of use, storage and transport.

**10.3 POSSIBILITY OF HAZARDOUS REACTIONS**

**Hazardous Reactions:** No dangerous reaction known under conditions of normal use.

**10.4 CONDITIONS TO AVOID:** Avoid heat, sparks, open flames and other ignition sources. Contact with incompatible materials.

**10.5 INCOMPATIBLE MATERIALS:** None known, avoid strong oxidizing agents.

**10.6 HAZARDOUS DECOMPOSITION PRODUCTS**

**Hazardous decomposition products:** No hazardous decomposition products are known.  
**Hazardous Polymerization:** Does not occur.

**Other Information:** Not available.

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1 INFORMATION ON TOXICOLOGICAL EFFECTS**

**Acute Toxicity:** May cause an allergic skin reaction. Dermatitis. Rash. Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

**Likely Routes of Exposure:** Skin contact. Eye contact. Inhalation.

**Eye:** Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

**Skin:** May cause an allergic skin reaction. Prolonged skin contact may cause dryness, redness, or cracking.

**Ingestion:** Not an expected route of exposure. Expected to be a low ingestion hazard.

**Inhalation:** Not an expected route of exposure. No adverse effects due to inhalation are expected.

**LD50/LC50 values relevant to this classification:****Titanium dioxide (dust)**

Oral mouse LD50 > 5000 mg/kg bw  
Oral rat LD50 > 5000 mg/kg bw  
Oral rat LD50 > 2000 mg/kg bw  
Oral rat LD50 > 11000 mg/kg bw  
Inhal rat LC50 3.43-5.09 mg/L air  
Inhal rat LC50 > 3.56 mg/L air  
Inhal rat LC50 > 2.28 mg/L air  
Inhal rat LC50 > 6.82 mg/L air 4hr

**Butan-2-one O,O',O''-(methylsilylidyne)trioxime**

Oral rat LD50 2463 mg/kg bw  
Oral rat LD50 ca. 2500mg/kg bw  
Derm rat LD50 > 2000 mg/kg bw

**Octamethylcyclotetrasiloxane**

Oral rat LD50 > 2000 mg/kg bw  
Oral rat LD50 > 4800 mg/kg bw  
Oral rat LD50 > 61440 mg/kg bw  
Oral mouse LD50 1700 mg/kg bw  
Inhal rat LC50 2,975 ppm  
Derm rat LD50 >2400 mg/kg bw

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Derm rat LD50 > 2000 mg/kg bw

Calculated overall chemical acute toxicity values for this formulation:

Calculated overall Chemical Acute Toxicity Values		
LC50 (inhalation)	LD50 (oral)	LD50 (dermal)
>5 mg/kg (dust and mist)	>2000 mg/kg	>2000 mg/kg

### 11.2 DELAYED, IMMEDIATE, AND CHRONIC EFFECTS OF SHORT- AND LONG-TERM EXPOSURE

- Skin Corrosion/Irritation:** Based on available data, this product is not expected to cause skin corrosion or irritation. Prolonged skin contact may cause dryness, redness, or cracking.
- Serious Eye Damage/Irritation:** Causes serious eye irritation.
- Respiratory Sensitization:** Based on available data, this product is not expected to cause respiratory sensitization.
- Skin Sensitization:** May cause an allergic skin reaction.
- Symptoms and Target Organs:** Prolonged exposure may cause chronic effects. Suspected of damaging fertility. May cause damage to organs (cardiovascular/blood) through prolonged or repeated exposure (Oral). May cause allergic skin reaction. Dermatitis. Rash. Direct contact with eyes may cause temporary irritation.
- Chronic Health Effects:** Prolonged exposure may cause chronic effects. Suspected of damaging fertility. May cause damage to organs (cardiovascular/blood) through prolonged or repeated exposure (Oral). May cause an allergic skin reaction. Dermatitis. Rash.
- Carcinogenicity:** This product is not classified as a carcinogen. Due to the form of the product, exposure to the potentially carcinogenic components is not expected.

Material	OSHA(O)	ACGIH(G)	NTP(N)	IARC(I)
Silica, quartz (dust)	Not listed	A2	K	1
Titanium dioxide (dust)	Not listed	A4	Not listed	2B

**SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:**

**OSHA (O)** =Occupational Safety and Health Administration  
 Yes = Expected to be carcinogenic  
 not listed = Not expected to be carcinogenic

**ACGIH (G)** =American Conference of Governmental Industrial Hygienists  
 A1 =Confirmed human carcinogen  
 A2 =Suspected human carcinogen  
 A3 =Animal carcinogen  
 A4 =Not classifiable as a human carcinogen  
 A5 =Not suspected as a human carcinogen  
 not listed = Not expected to be carcinogenic

**NTP (N)** =National Toxicology Program  
 K =Known to be a carcinogen  
 R = Reasonably anticipated to be a carcinogen  
 not listed = Not expected to be carcinogenic  
**IARC (I)** =International Agency for Research on Cancer  
 1 =Carcinogenic to humans  
 2A =Probably carcinogenic to humans  
 2B =Possibly carcinogenic to humans  
 3 =Not classifiable as to its carcinogenicity to humans  
 4 =Probably not carcinogenic to humans  
 not listed = Not expected to be carcinogenic

- Mutagenicity:** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
- Reproductive Toxicity:** Suspected of damaging fertility.
- Specific Target Organ Toxicity (STOT):**  
**Single Exposure:** Not classified as an STOT - Single Exposure.  
**Repeated Exposure:** May cause damage to organs (Circulatory system, blood) through prolonged or repeated (oral) exposure.
- Aspiration Toxicity:** Based on available data, this product is not expected to cause aspiration toxicity.
- Other Information:** Not available.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 ECOTOXICITY

- Acute/Chronic Toxicity:** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have



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**Aquatic toxicity:** a harmful or damaging effect on the environment.  
The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Environmental effects:** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

### 12.2 PERSISTENCE AND DEGRADABILITY

**Persistence/biodegradability:** The product contains substances which are not expected to be readily biodegradable.

### 12.3 BIOACCUMULATIVE POTENTIAL

**Bioaccumulation:** No data available.

### 12.4 MOBILITY

**Mobility:** No data available.

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

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

### 12.5 OTHER ADVERSE EFFECTS

**Ozone layer:** No data available.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 WASTE TREATMENT METHODS

**Disposal Method:** This material must be disposed of in accordance with all local, state, provincial, and federal regulations.

**Contaminated packaging:** Since emptied containers may retain product residue, follow label warnings even after container is emptied. Dispose of contents and container in accordance with all local, regional, national and international regulations.

**EU Codes:** The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Residual Waste:** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Disposal instructions:** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents and container in accordance with all local, regional, national and international regulations.

**Waste Codes:** The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Other disposal recommendations:** None

## SECTION 14: TRANSPORT INFORMATION

### DOT Non-Bulk

**Not hazardous for transport under exception 173.150 (f) (2,3)**

### DOT Bulk

**UN:** NA1993

**Proper shipping name:** Combustible liquid, n.o.s. (Dimethyl siloxane, hydroxy-terminated, Butan-2-one O,O',O''-(methylsilylidyne)trioxime solution)

**Hazard class:** 3

**Packing group:** PG III

### IMDG

**Not classified as a Dangerous Goods for Transport**

### ICAO/IATA

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**Not classified as a Dangerous Goods for Transport**

**Reportable quantity:** Package sizes shipped in quantities less than the product reportable quantity are not subject to the RQ (reportable quantity) transportation requirements.

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material

### SECTION 15: REGULATORY INFORMATION

#### US Federal Regulations:

#### U.S. OSHA (Occupational Safety and Health Administration) Specifically Regulated Substances (29 CFR 1910.1001-1050)

No components of this product are present at concentration greater than or equal to 0.1% and are identified as a carcinogen or potential carcinogen by OSHA.

#### SARA/CERCLA reporting requirements:

The following components of this product are found at concentrations greater than or equal to 0.1% and are subject to SARA/CERCLA reporting requirements.

Material	SARA 302 (EHSs) TPQ	SARA 304 EHSs RQ	CERCLA RQ	SARA 313 listed	RCRA CODE	CAA 112(r) TQ
Aluminum Oxide	Not listed	Not listed	Not listed	313	Not listed	Not listed

#### State Right-to-Know Regulations

The following components of this product are found at concentrations greater than or equal to 0.1%, subject to state Right-to-Know reporting requirements; or are found at any concentration and are listed under California Proposition 65.

Material	California Proposition 65	Massachusetts Right-to-Know	Minnesota Employee Right-to-Know	New Jersey Community Environmental Hazard Right-to-Know	New Jersey Right-to-Know Substance	Pennsylvania Right-to-Know	Rhode Island Right-to-Know
Silica, quartz (dust)	Cancer (airborne, unbound particles of respirable size)	Listed	Listed	Listed	Listed	Listed	Not listed
Titanium dioxide (dust)	Cancer (airborne, unbound particles of respirable size)	Listed	Listed	Not listed	Listed	Listed	Not listed
Silicon dioxide (dust)	Not listed	Listed	Listed	Not listed	Not listed	Listed	Not listed
Aluminum Oxide	Not listed	Listed	Listed	Not listed	Listed	Listed	Listed
Zirconium dioxide	Not listed	Listed	Not listed	Not listed	Not listed	Not listed	Not listed
Toluene	Dev	Listed	Listed	Listed	Listed	Listed	Listed

#### California:

#### Proposition 65:



**WARNING:** This product can expose you to 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).

#### Global Inventories:

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Notification status:	
US - TSCA	All substances are listed
Canada -DSL	All substances are listed
Canada - NDSL	No substances are listed
EU - EINECS	Not all substances are listed
EU - ELINCS	No substances are listed
EU - NLP	No substances are listed
Australia – AICS	All substances are listed
China - EICSC	All substances are listed
Japan - ENCS	All substances are listed
Korea - KECI	All substances are listed
Taiwan - NECI	All substances are listed
New Zealand - NZIoC	Not all substances are listed
Philippine - PICCS	All substances are listed

### EU - REACH Status:

A registration number is not available for substances in this mixture as the substances are exempted from registration or the annual tonnage does not require a registration.

HAZARD CLASSIFICATION	CATEGORY
Flammable Liquids	4
Eye Damage/Irritation	2A
Sensitization – Skin	1B
Toxic to Reproduction - fertility	2
Specific Target Organ Toxicity – (Repeated Exposure) – STOT RE (Oral, Cardiovascular/Blood)	2

### CANADA – WHMIS (Workplace Hazardous Materials Information System) Classification (GHS):

HAZARD CLASSIFICATION	CATEGORY
Flammable Liquids	4
Eye Damage/Irritation	2A
Sensitization – Skin	1B
Toxic to Reproduction - fertility	2
Specific Target Organ Toxicity – (Repeated Exposure) – STOT RE (Oral, Cardiovascular/Blood)	2

### MEXICO (GHS):

HAZARD CLASSIFICATION	CATEGORY
Flammable Liquids	4
Eye Damage/Irritation	2A
Sensitization – Skin	1B
Toxic to Reproduction - fertility	2
Specific Target Organ Toxicity – (Repeated Exposure) – STOT RE (Oral, Cardiovascular/Blood)	2

**Carcinogen Status:** No data available.

### SECTION 16: OTHER INFORMATION

<b>Health:</b>	<b>2*</b>
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<b>Flammability:</b>	<b>2</b>
<b>Physical:</b>	<b>0</b>

### NFPA 704 (National Fire Protection Association) Rating:

<b>Health</b>	<b>2</b>
<b>Fire</b>	<b>2</b>
<b>Reactivity</b>	<b>0</b>

### Legend:

DOT	US Department of Transportation
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
ACGIH	American Conference of Governmental Industrial Hygienists
NTP	National Toxicology Program
IARC	International Agency for Research on Cancer
PPE	Personal Protective Equipment
RCRA	Resource Conservation and Recovery Act
CAA	Clean Air Act
SARA	Superfund Amendments and Reauthorization Act
EPCRA	Emergency Planning and Community Right-to-Know Act
WHMIS	Workplace Hazardous Materials Information System
EU	European Union
REACH	Regulation on Registration, Evaluation, Authorisation and Restriction of Chemicals
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
TSCA	US Toxic Substances Control Act (TSCA)
DSL	Canada Domestic Substance List (DSL)
NDSL	Canada Non-Domestic Substance List (NDSL)
EINECS	European Inventory of Existing Commercial Chemical Substances (EINECS)
ELINCS	European List of Notified Chemical Substances (ELINCS)
NLP	European list of No-longer Polymers (NLP)
AICS	Australian Inventory of Chemical Substances (AICS)
IECSC	China Existing Chemical Inventory - IECSC
ENCS	Japanese Existing and New Chemical Substances Inventory(ENCS)
KECI	Korea Existing Chemicals Inventory(KECI)
NZIoC	New Zealand Inventory of Chemicals (NZIoC)
PICCS	Philippine Inventory of Chemicals and Chemical Substances (PICCS)
HMIS	Hazardous Materials Identification System
NFPA	National Fire Protection Association (NFPA)

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**End of Safety Data Sheet**