

**SECTION 1: IDENTIFICATION**

**1.1 PRODUCT IDENTIFIER**

**Product Name:** TAN SOLVENTLESS SILICONE  
**Product Code:** S2048, S2048-1, S2048-5, S2048-55

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

**Product Use:** Architectural Coating and Waterproofing

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

**Name/Address:** Gaco Western LLC  
 1245 Chapman Dr.  
 Waukesha, WI, 53186-5942  
 USA  
**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**

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
Eye Damage/Irritation	2A
Sensitization - Skin	1B
STOT RE - Specific Toxic Organ Toxicity (Repeated Exposure)	2
Flammable Liquids	4

**2.2 LABEL ELEMENTS**

**Hazard pictogram:** GHS07, GHS08



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**Signal word:** Warning

**Hazard statement:** Combustible liquid  
May cause an allergic skin reaction  
Causes serious eye irritation  
May cause damage to organs <blood, cardiovascular> through prolonged or repeated exposure oral>

**Prevention:** 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/eye protection/face protection.

**Response:** In case of fire: Use water fog, foam, dry chemical powder, carbon dioxide (CO2) to extinguish.  
Specific treatment (see Section 8 on this label).  
If on skin: Wash with plenty of water.  
Wash contaminated clothing before reuse.  
If skin irritation or a rash occurs: Get medical advice/attention.  
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.

**Storage:** Store in a well-ventilated place. Keep cool.

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

**2.3 ADDITIONAL INFORMATION**

**Main symptoms:** Prolonged exposure may cause chronic effects. May cause damage to organs <blood, cardiovascular> 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.

**Hazards not otherwise specified:** None Known

51 % 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%
Butan-2-one O,O',O''-(methylsilylidyne)trioxime	22984-54-9	1-5%
Titanium dioxide (dust)	13463-67-7	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**

**4.1 DESCRIPTION OF THE FIRST AID MEASURES**

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<b>General information:</b>	Ensure that medical personnel are aware of the materials(s) involved, and take precautions to protect themselves.
<b>Inhalation:</b>	Move to fresh air. Call a physician if symptoms develop or persist.
<b>Skin contact:</b>	Remove contaminated clothing immediately and wash skin with soap and water. Wash contaminated clothing before reuse. In case of eczema or other skin disorders: Seek medical attention and bring along these instructions.
<b>Eye contact:</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.  
May cause damage to organs <blood, cardiovascular> 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.

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

<b>Note to physicians:</b>	Treat symptomatically.
<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>	In case of fire and/or explosion, do not breathe fumes. 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

**SAFETY DATA SHEET**

during clean-up. Ensure adequate ventilation. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Local authorities should be advised if significant spillages cannot be contained.

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

<b>Methods for containment:</b>	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. Use appropriate Personal Protective Equipment (PPE).
<b>Methods for cleaning-up:</b>	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. For waste disposal, see Section 13 of the SDS.
<b>Large spills:</b>	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.
<b>Small spills:</b>	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.
<b>Environmental precautions:</b>	Avoid discharge into drains, water courses or onto the ground.

**SECTION 7: HANDLING AND STORAGE**

**7.1 PRECAUTIONS FOR SAFE HANDLING**

<b>Precautions for Safe handling:</b>	Observe good industrial hygiene practices.
<b>General hygiene advice:</b>	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**

<b>Safe storage:</b>	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).
<b>Specific use:</b>	Architectural Coating and Waterproofing
<b>Technical measures:</b>	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.
<b>Incompatible materials:</b>	None known, avoid strong oxidizing agents.
<b>Safe packaging material:</b>	Keep in original container.
<b>Precautions:</b>	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.
<b>Safe handling advice:</b>	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. Use personal protection recommended in Section 8 of the SDS.
<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)**

NIOSH REL: Ca TWA 0.05 mg/m3 See Appendix A

OSHA PEL<sup>+</sup>: 0.1 mg/m3 (resp) See Appendix C (Mineral Dusts)

Notes: TWA TOTAL DUST = (30mg/m3)/(%SiO<sub>2</sub>+2), TWA RESPIRABLE FRACTION = (10mg/m3)/(%SiO<sub>2</sub>+2)

ACGIH TLV: (0.05 mg/m3 (resp)

IDLH mg/m3: 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)**

NIOSH REL: Ca See Appendix A

OSHA PEL<sup>+</sup>: TWA 15 mg/m3

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 measures 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. Eyewash facilities and emergency shower must be available when handling this product.

**8.3 INDIVIDUAL PROTECTIVE MEASURES**

- General:** Eyewash fountain and emergency showers are recommended. Use personal protective equipment as required.
- Eye protection:** Wear safety glasses with side shields (or goggles).
- Hand protection:** Wear appropriate chemical resistant gloves.
- Respiratory protection:** 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.
- Skin and body protection:** Wear appropriate chemical resistant clothing.
- Hygiene measures:** 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. Contaminated work clothing should not be allowed out of the workplace.
- Thermal hazards:** 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**

**9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Viscous tan liquid
<b>Color:</b>	Tan
<b>Form:</b>	Liquid
<b>Odor:</b>	Sweet
<b>Odor Threshold:</b>	Not available
<b>Physical State:</b>	Liquid
<b>pH (at 20°C):</b>	Not available
<b>Melting Point/Freezing Point:</b>	Not available
<b>Initial Boiling Point and Boiling Range:</b>	Not available
<b>Flash Point:</b>	169°F (76.1°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>	11.322
<b>Relative Density/Specific Gravity:</b>	1.359
<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) g/L:</b>	5500 cps
<b>Oxidizing Properties:</b>	Not available
<b>Explosive Properties:</b>	Not available
<b>VOC g/L:</b>	<50 g/L (<0.417 lb/gal)
<b>Solvent content - Organic:</b>	Not available
<b>Solvent content - Water:</b>	0.0%
<b>Solvent content - Solids:</b>	96.29%
<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.
<b>10.2 CHEMICAL STABILITY</b>	
<b>Chemical stability:</b>	Material is stable under normal conditions.
<b>Materials to avoid:</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>10.3 POSSIBILITY OF HAZARDOUS REACTIONS</b>	
<b>Hazardous reactions:</b>	No dangerous reaction known under conditions of normal use.
<b>10.4 CONDITIONS TO AVOID</b>	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 applicable.

**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. Dermatitis. Rash.

**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

**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

**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. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

**Respiratory sensitization:** Based on available data, this product is not expected to cause respiratory sensitization.

**SAFETY DATA SHEET**

**Skin sensitization:** May cause an allergic skin reaction.

**Symptoms and target organs:** Prolonged exposure may cause chronic effects. May cause damage to organs <blood, cardiovascular> through prolonged or repeated exposure oral>. May cause an allergic skin reaction. Dermatitis. Rash. Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

**Chronic health effects:** Prolonged exposure may cause chronic effects. May cause damage to organs <blood, cardiovascular> through prolonged or repeated exposure oral>.

**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  
Ca/Yes = Expected to be carcinogenic  
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

**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

**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:** This product is not expected to cause reproductive or developmental effects.

**Specific Target Organ Toxicity (STOT):**

**Single Exposure:** Not classified as an STOT - Single Exposure.

**Repeated Exposure:** May cause damage to organs <blood, cardiovascular> through prolonged or repeated exposure oral>.

**Aspiration Toxicity:** Based on available data, this product is not expected to cause aspiration toxicity.

**Other Information:** Not applicable.

**SECTION 12: ECOLOGICAL INFORMATION**

**12.1 ECOTOXICITY**

**Ecotoxicity:** 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.

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

**Chronic toxicity:** The product is not classified as having a chronic environmental hazard. 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.



**SAFETY DATA SHEET**

**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. (Butan-2-one O,O',O''-(methylsilylydyne)trioxime solution)  
**Hazard class:** 3 **Packing group:** PG III

**IMDG**

Not classified as Dangerous Goods for Transport

**ICAO/IATA**

Not classified as 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**

**SAFETY DATA SHEET**

**15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/ LEGISLATIONS SPECIFIC FOR THE CHEMICAL**

**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)	Not listed	Listed	Listed	Listed	Listed	Listed	Not listed
Titanium dioxide (dust)	Not listed	Listed	Listed	Not listed	Listed	Listed	Not listed
Silicon dioxide	Not listed	Listed	Listed	Not listed	Not listed	Not listed	Not listed
Aluminum Oxide	Not listed	Listed	Listed	Not listed	Listed	Listed	Listed
Toluene	Dev	Listed	Listed	Listed	Listed	Listed	Listed
Nickel	Cancer	Listed	Listed	Not listed	Listed	Listed	Listed
Cobalt	Cancer	Listed	Listed	Listed	Listed	Listed	Listed

**Global Inventories:**

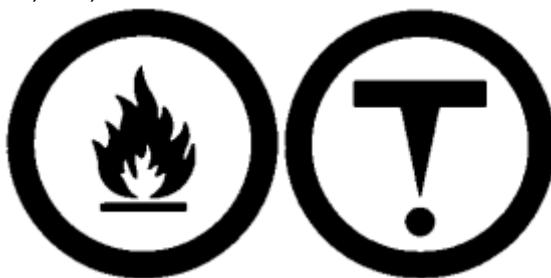
Notification status:	
US - TSCA	All substances are listed
Canada -DSL	All substances are listed
Canada - NDSL	No substances are listed
EU - EINECS	All substances are listed
EU - ELINCS	No substances are listed
EU - NLP	No substances are listed
Australia – AICS	All substances are listed
China - EICSC	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, the annual tonnage does not require a registration or the registration is envisioned for a later registration deadline.

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

B3, D2A, D2B



**MEXICO:**

**Hazard Classification:** 2-1-0  
**Carcinogen Status:** No data available.

**SECTION 16: OTHER INFORMATION**

**HMIS (Hazardous Materials Identification System) rating:**

<b>Health:</b>	<b>2*</b>
<b>Flammability:</b>	<b>1</b>
<b>Physical:</b>	<b>0</b>

**NFPA 704 (National Fire Protection Association) rating:**

<b>Health</b>	<b>2</b>
<b>Fire</b>	<b>1</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)
- EICSC China Existing Chemical Inventory - IECSC
- ENCS Japanese Existing and New Chemical Substances Inventory(ENCS)
- KECI Korea Existing Chemicals Inventory(KECI)
- NECI Taiwan National Existing Chemical Inventory (NECI)
- 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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**Disclaimer:** We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.  
**Prepared by:** Gaco Western LLC

**End of Safety Data Sheet**