

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

1.1 PRODUCT IDENTIFIER

Product Name: GacoFlex SF42 SeamSeal Solvent-Free Silicone Sealant

Product Code: SF4200, SF4200-1, SF4200-5

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

Website: 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	1
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



SAFETY DATA SHEET

Signal Word:	DANGER
Hazard Statement:	Combustible liquid May cause an allergic skin reaction Causes serious eye damage Suspected of damaging fertility May cause damage to organs (cardiovascular/blood) through prolonged or repeated exposure (Oral)
Prevention:	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.
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). 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. Immediately call a poison center/doctor.
Storage:	Store in a well-ventilated place. Keep cool. Store locked up.
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. 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 severe eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

Hazards not otherwise specified: None Known

59% 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%
Nepheline syenite - various grades	37244-86-5	10-30%
Titanium dioxide (dust)	13463-67-7	5-10%
Butan-2-one O,O',O''-(methylsilylidyne)trioxime	22984-54-9	1-5%
Octamethylcyclotetrasiloxane	556-67-2	1-5%
Bis(trimethoxysilylpropyl)amine	82985-35-1	1-5%
3-(trimethoxysilyl)propylamine	13822-56-5	0.1-1.0%

SAFETY DATA SHEET

Other components below reportable levels	-	5-10%
--	---	-------

*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

General Information:	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.
Inhalation:	Move to fresh air. Call a physician if symptoms occur.
Skin:	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.
Eye:	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 immediately.
Ingestion:	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.
 Causes severe eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENTS NEEDED

Note to Physicians:	Treat symptomatically. Symptoms may be delayed.
Specific Treatments:	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

General Hazards:	Combustible liquid.
Suitable Extinguishing Media:	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO ₂)
Unsuitable Extinguishing Media:	Do not use water jet as an extinguisher as this will spread the fire.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Specific Hazards:	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.
Products of Combustion:	May include, and are not limited to: oxides of carbon.

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

Special protective equipment for fire-fighters:	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
--	---

SAFETY DATA SHEET

Special fire-fighting procedures: 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: 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. Not soluble in water. Water will gel product.

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-

SAFETY DATA SHEET

Safe packaging material:	ventilated place. Keep in an area equipped with sprinklers.
Precautions:	No specific recommendations.
Safe handling advice:	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.
Suitable storage conditions:	Observe good industrial hygiene practices.
Handling-technical measures:	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.
Local and general ventilation:	Use non-sparking tools and explosion-proof equipment. All equipment used when handling this product must be grounded.
	Provide adequate ventilation.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

Control parameters: Follow standard monitoring procedures.

Exposure limits:

Nepheline syenite - various grades

OSHA:
 PEL: 5 mg/m³ TQA resp
 NIOSH: None

Titanium dioxide (dust)

OSHA:
 PEL†: TWA 15 mg/m³
 TWA: 15 mg/m³ total dust
 (vacated) TWA: 10 mg/m³ total dust
 NIOSH:
 IDLH: 5000 mg/m³
 REL: Ca See Appendix A
 ACGIH:
 TWA: 10 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 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

General:	Use personal protective equipment as required.
Eye protection:	Wear safety glasses with side shields (or goggles) and a face shield.
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

SAFETY DATA SHEET

Skin and body protection:	approved respirator must be worn.
Hygiene measures:	Wear appropriate chemical resistant clothing. 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.
Control parameters:	Follow standard monitoring procedures.
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

Appearance:	Viscous white liquid
Color:	WHITE
Form:	Liquid
Odor:	Sweet, mild solvent
Odor Threshold:	Not available
Physical State:	Liquid
pH (at 20°C):	Not applicable
Melting Point/Freezing Point:	Not available
Initial Boiling Point and Boiling Range:	Not available
Flash Point:	169°F/76°C
Evaporation Rate:	Not available
Flammability (solid, gaseous):	Combustible liquid
Lower Flammability/Explosive Limit:	Not available
Upper Flammability/Explosive Limit:	Not available
Evaporation rate:	Not available
Vapor Pressure (mm Hg @38°C):	Not available
Vapor Density:	Not available
Density (lb/gal):	10.4
Relative Density/Specific Gravity:	1.24
Solubility in water/miscibility:	Not soluble in water
Partition coefficient: n-octanol/water:	Not available
Auto-ignition Temperature:	Not available
Decomposition Temperature:	Not available
Viscosity (at 25°C):	30,000 cps
Oxidizing Properties:	None known
Explosive Properties:	Not available
VOC:	<50 g/L (<0.417 lb/gal)
Solvent content - Organic:	Not available
Solvent content - Water:	Not available
Solvent content - Solids:	95.03%
Other information:	Not available
Incompatibilities:	None known. Not soluble in water. Water will gel product.

SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY:	The product is stable and non-reactive under normal conditions of use, storage and transport.
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,

SAFETY DATA SHEET

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. Not soluble in water. Water will gel product.

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 severe eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

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

Eye: Causes severe eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

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
- Derm data waved, unjustified

Butan-2-one O,O',O''-(methylsilyldiylne)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

SAFETY DATA SHEET

Derm rat LD50 >2400 mg/kg bw
 Derm rat LD50 > 2000 mg/kg bw

Bis(trimethoxysilylpropyl)amine

Oral rat LD50 4200 < 8400 mg/kg bw
 Oral rat LD50 4 < 8 mL/kg bw
 Oral rat LD50 ca. 3.6 mL/kg bw
 Oral rat LD50 ca. 3780 mg/kg bw
 Inhal rat LC0 Substantially saturated vapour air 6hrr
 Derm rabbit LD50 16 mL/kg bw
 Derm rabbit LD50 16800 mg/kg bw
 Derm rabbit LD50 11.3 mL/kg bw
 Derm rabbit LD50 11865 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 severe eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

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. Causes severe eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

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)
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.

SAFETY DATA SHEET

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 a harmful or damaging effect on the environment.
Aquatic toxicity:	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

SAFETY DATA SHEET

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

IMO/IMDG

Not classified as a Dangerous Goods for Transport

ICAO/IATA

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:

No components of this product are found at concentrations greater than or equal to 0.1% and are subject to the SARA/CERCLA reporting requirements.

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
Titanium dioxide (dust)	Cancer (airborne, unbound particles of respirable size)	Listed	Listed	Not listed	Listed	Listed	Not listed
[3-(2,3-epoxypropoxy)propyl] diethoxymethylsilane	Not listed	Not listed	Not listed	Not listed	Listed	Listed	Not listed
Silicon dioxide (dust)	Not listed	Listed	Listed	Not listed	Not listed	Listed	Not listed

SAFETY DATA SHEET

Zirconium dioxide	Not listed	Listed	Not listed	Not listed	Not listed	Not listed	Not listed
Toluene (trace <0.1%)	Dev	Listed	Listed	Listed	Listed	Listed	Listed
Methanol (trace <0.1%)	Dev	Listed	Listed	Not listed	Listed	Listed	Listed

California:

Proposition 65:



WARNING: This product can expose you to Toluene and Methanol, 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.

Global Inventories:

Notification status:	
US - TSCA	All substances are listed
Canada -DSL	Not all substances are listed
Canada - NDSL	At least 1 substance is listed
EU - EINECS	Not all substances are listed
EU - ELINCS	No substances are listed
EU - NLP	No substances are listed
Australia – AICS	Not all substances are listed
China - EICSC	Not all substances are listed
Japan - ENCS	Not all substances are listed
Korea - KECI	Not all substances are listed
Taiwan - NECI	All substances are listed
New Zealand - NZIoC	Not all substances are listed
Philippine - PICCS	Not 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.

HAZARD CLASSIFICATION	CATEGORY
Eye Damage/Irritation	1
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:

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

MEXICO:

HAZARD CLASSIFICATION	CATEGORY
-----------------------	----------

SAFETY DATA SHEET

Flammable Liquids	4
Skin corrosion/Irritation	3
Eye Damage/Irritation	1
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

Health:	3*
Flammability:	2
Physical:	0

NFPA 704 (National Fire Protection Association) Rating:

Health	3
Fire	2
Reactivity	0

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)
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)

Date of Preparation: November 2, 2018
Version: 1.0
Revision Date: November 2, 2018
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

SAFETY DATA SHEET

Prepared by:

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.

Firestone Building Products
200 4th Avenue South
Nashville, TN 37201
Gaco is a Firestone Building Products brand

End of Safety Data Sheet