SECTION 1: IDENTIFICATION

1.1 PRODUCT IDENTIFIER

Product Name: GACOROOF GRAY SILICONE VOC COMPLIANT
Product Code: S1628C, GR1628C-1, GR1628C-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: 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
Website: 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:

<table>
<thead>
<tr>
<th>HAZARD CLASSIFICATION</th>
<th>CATEGORY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammable Liquids</td>
<td>3</td>
</tr>
<tr>
<td>Skin Corrosion/Irritation</td>
<td>2</td>
</tr>
<tr>
<td>Eye Damage/Irritation</td>
<td>2A</td>
</tr>
<tr>
<td>Sensitization – Skin</td>
<td>1B</td>
</tr>
<tr>
<td>Toxic to Reproduction</td>
<td>2</td>
</tr>
<tr>
<td>Specific Target Organ Toxicity – (Repeated Exposure) – STOT RE (Cardiovascular/Blood)(Oral)</td>
<td>2</td>
</tr>
</tbody>
</table>

2.2 LABEL ELEMENTS

Hazard pictogram: GHS02, GHS07, GHS08
Signal word: Warning

Hazard statement: Flammable liquid and vapor
Causes skin irritation
May cause an allergic skin reaction
Causes serious eye irritation
Suspected of damaging fertility or the unborn child
May cause damage to organs (blood, cardiovascular) through prolonged or repeated (oral) exposure

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.
Keep container tightly closed.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting/equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
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.
Get Medical advice/attention if you feel unwell.
Specific treatment (see Section 8 on this label).
If on skin (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
If skin irritation or a rash occurs: Get medical advice/attention.
Take off contaminated clothing and wash it 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.

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: Suspected of damaging fertility or the unborn child. May cause damage to organs (blood, cardiovascular) through prolonged or repeated (oral) exposure. Skin irritation. May cause redness and pain. 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: Toxic to aquatic life with long lasting effects.

69.0% of the mixture consists of ingredient(s) of unknown acute toxicity

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 MIXTURES
SECTION 4: FIRST-AID MEASURES

4.1 DESCRIPTION OF THE FIRST AID MEASURES
General information: Take off all contaminated clothing immediately. Wash contaminated clothing before reuse. 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 develop or persist.

Skin contact: Wash with plenty of soap and water. Get medical attention if irritation develops and persists. In case of eczema or other skin disorders: Seek medical attention and bring along these instructions. Take off contaminated clothing and wash before reuse.

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists.

Ingestion: Rinse mouth. Get medical attention if symptoms occur.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED
Suspected of damaging fertility or the unborn child.
May cause damage to organs (blood, cardiovascular) through prolonged or repeated (oral) Skin irritation. May cause redness and pain.
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
Note to physicians: Treat symptomatically. Symptoms may be delayed. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital.

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: Flammable liquid and vapor.
Suitable extinguishing media: Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2)
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: Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. 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.
Special fire-fighting procedures: 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 during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. 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: Vapors may form explosive mixtures with air. Do not handle or store near an open flame, heat or other sources of ignition. Do not smoke.
Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. 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. Prevent electrostatic charge build-up by using common bonding and grounding techniques. 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:**
Strong oxidizing agents. Not Soluble in water.

**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:**
Keep in original container.

**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:**
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.

**Suitable storage conditions:**
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.

**Handling-technical measures:**
Use non-sparking tools and explosion-proof equipment. All equipment used when handling this product must be grounded.

**Local and general ventilation:**
Provide adequate ventilation.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 CONTROL PARAMETERS

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

**Exposure limits:**

- **Limestone (dust)**
  - NIOSH REL: TWA 10 mg/m³ (total) TWA 5 mg/m³ (resp)
  - OSHA PEL: TWA 15 mg/m³ (total) TWA 5 mg/m³ (resp)
  - ACGIH TLV: 2 mg/m³ (resp)

- **Titanium dioxide (dust)**
  - NIOSH REL: Ca See Appendix A
  - OSHA PEL*: 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.

Silicon dioxide (dust)
NIOSH REL: TWA 6 mg/m3
OSHA PEL†: TWA 20 mppcf (80 mg/m3/%SiO2) See Appendix C (Mineral Dusts)

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

8.2 EXPOSURE CONTROLS

Engineering measures to reduce exposure:
Explosion-proof general and local exhaust ventilation.

8.3 INDIVIDUAL PROTECTIVE MEASURES

General: 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: In case of insufficient ventilation, wear suitable respiratory equipment.
Skin and body protection: Wear appropriate chemical resistant clothing.
Hygiene measures: When using, do not smoke. 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

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Viscous gray liquid
Color: Gray
Form: Liquid
Odor: Mild Solvent
Odor Threshold: Not available
Physical State: Liquid
pH (at 20°C): Not available
Melting Point/Freezing Point: Not available
Initial Boiling Point and Boiling Range: Not available
Flash Point: 130°F (54°C)
Evaporation Rate: Not available
Flammability (solid, gaseous): Not Flammable
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): 10.28
Relative Density/Specific Gravity: 1.23
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, 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
Strong oxidizing agents. Not Soluble in water.

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


Likely routes of exposure: Skin contact. Eye contact. Inhalation.
Eye: Causes serious eye irritation.
Skin: Causes skin irritation. May cause an allergic skin reaction. Dermatitis. Rash.
Ingestion: Not an expected route of exposure. May cause damage to organs (blood, cardiovascular) through prolonged or repeated (oral) exposure.
Inhalation: Not an expected route of exposure. No adverse effects due to inhalation are expected.
LD50/LC50 values relevant to this classification: None

Calculated overall chemical acute toxicity values for this formulation:

<table>
<thead>
<tr>
<th>Calculated overall Chemical Acute Toxicity Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 (inhaling)</td>
</tr>
<tr>
<td>&gt;5 mg/kg (dust and mist)</td>
</tr>
</tbody>
</table>

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

Skin corrosion/irritation: Causes irritation. May cause redness and pain.
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: Suspected of damaging fertility or the unborn child. May cause damage to organs (blood, cardiovascular) through prolonged or repeated (oral) exposure. Skin irritation. May cause redness and pain. May cause allergic skin reaction. Dermatitis. Rash. Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
Chronic health effects: Suspected of damaging fertility or the unborn child. May cause damage to organs (blood, cardiovascular) through prolonged or repeated (oral) exposure.
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.

<table>
<thead>
<tr>
<th>Material</th>
<th>OSHA(O)</th>
<th>ACGIH(G)</th>
<th>NTP(N)</th>
<th>IARC(I)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium dioxide [dust]</td>
<td>Not listed</td>
<td>A4</td>
<td>Not listed</td>
<td>2B</td>
</tr>
<tr>
<td>Soda Lime Borosilicate Glass (fibers)</td>
<td>Not listed</td>
<td>Not listed</td>
<td>R– inhal</td>
<td>3</td>
</tr>
<tr>
<td>Silica, quartz [dust]</td>
<td>Not listed</td>
<td>A2</td>
<td>K</td>
<td>1</td>
</tr>
</tbody>
</table>

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 or the unborn child.
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 (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: Toxic to aquatic life with long lasting effects.
Aquatic toxicity: Toxic to aquatic life with long lasting effects.
Environmental effects: Toxic to aquatic life with long lasting effects.

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: D001: Waste Flammable material with a flash point <140⁰F(<60⁰C) 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: UN1263
Proper shipping name: Paint
Hazard class: 3
Packing group: PG III

IMDG
UN: UN1263
Proper shipping name: Paint
Hazard class: 3
Packing group: PG III
Trade Name: GR1628C - GACOROOF GRAY SILICONE VOC COMPLIANT

January 28, 2016

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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: 2-2-0
Carcinogen Status: No data available.

SECTION 16: OTHER INFORMATION

HMIS (Hazardous Materials Identification System) rating:

<table>
<thead>
<tr>
<th>Health</th>
<th>2*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability:</td>
<td>2</td>
</tr>
<tr>
<td>Physical:</td>
<td>0</td>
</tr>
</tbody>
</table>

NFPA 704 (National Fire Protection Association) rating:

| Health | 2 |
| 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

SAFETY DATA SHEET

Trade Name: GR1628C - GACOROOF GRAY SILICONE VOC COMPLIANT

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Version: 1.0
Revision Date: January 28, 2016
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Prepared by: Gaco Western LLC

End of Safety Data Sheet