# **SECTION 1: IDENTIFICATION**

**1.1 PRODUCT IDENTIFIER** 

Product Name: GACOROOF GRAY SILICONE

**Product Code:** GR1628, GR1628-1, GR1628-5, S1628

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.comWebsite: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
Flammable Liquids	3
Eye Damage/Irritation	2A
Sensitization – Skin	1B
Toxic to Reproduction	2
Specific Target Organ Toxicity – (Repeated Exposure) – STOT RE (Cardiovascular/Blood)(Oral)	2

### **2.2 LABEL ELEMENTS**

Hazard pictogram: GHS02, GHS07, GHS08



Signal word: Warning

Hazard statement: Flammable liquid and vapor

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.

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.

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: Causes serious eye irritation. Symptoms may include stinging, tearing,

redness, swelling, and blurred vision. May cause allergic skin reaction.

Dermatitis. Rash.

Hazards not otherwise specified: None Known

71.1% 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%
Limestone	1317-65-3	30-60%
Distillates (petroleum), hydrotreated light	64742-47-8	10-30%
Titanium dioxide	13463-67-7	7-13%
Butan-2-one O,O',O"-(methylsilylidyne)trioxime	22984-54-9	1-5%
Silicon dioxide	7631-86-9	1-5%
Aminopropyltriethoxysilane	919-30-2	0.1-1.0%
Octamethylcyclotetrasiloxane	556-67-2	0.1-1.0%

<sup>\*</sup>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: 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:** Take off immediately all contaminated clothing. Rinse skin with

water/shower. Get medical attention if irritation develops and persists. In case of eczema or other skin disorders: Seek medical

attention and bring along these instructions.

**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

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

# 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



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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 nonsparking tools and explosion-proof equipment. Provide adequate ventilation. Wear appropriate personal protective equipment.

Observe good industrial hygiene practices.



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# SAFETY DATA SHEET

**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. 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**

Safe handling advice:

**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)

### **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 suitable protective 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: 105°F (40.5°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): 9.75
Relative Density/Specific Gravity: 1.17

Solubility in water/miscibility: Not Soluble in water

Partition coefficient: n-octanol/water:

Auto-ignition Temperature:

Decomposition Temperature:

Viscosity (at 25°C) g/L:

Oxidizing Properties:

Not available

Not available

Not available

Not available



VOC: < 240 g/l
Solvent content - Organic: Not available

Solvent content - Water:0%Solvent content - Solids:69.13%Other information:Not availableIncompatibilities:Not available

# **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

**Acute toxicity:** Expected to be a low hazard for usual industrial or commercial

handling by trained personnel.

**Likely routes of exposure:** Skin contact. Eye contact. Inhalation.

Eye: Causes serious eye irritation.

Skin: May cause an allergic skin reaction.

**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:

Calcula	ted overall Chemical Acute Toxici	ty 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: Causes serious eye irritation. Symptoms may include stinging, tearing,

redness, swelling, and blurred vision. May cause allergic skin reaction.

Dermatitis. Rash. May cause damage to organs (blood,

cardiovascular) through prolonged or repeated (oral) exposure.

Chronic health effects: 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.

Material	OSHA(O)	ACGIH(G)	NTP(N)	IARC(I)
Titanium dioxide	Not listed	A4	Not listed	2B
Soda Lime Borosilicate Glass	Not listed	Not listed	R	3
Silica, quartz	Not listed	A2	K	1

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

<u>SIH (G)</u> =American Conference of Governmental Industrial Hygienis 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

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:** May damage 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:** 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: D001: Waste Flammable material with a flash point <140°F(<60°C) 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

ICAO/IATA

**UN:** UN1263

Proper shipping name: Paint

Hazard class: 3 Packing group: PG III

**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**

# 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:

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.

	California	Massachus	Minnesota Employee	New Jersey Community Environme ntal Hazard	New Jersey Right-to-	Pennsylvan	Rhode Island
	Proposition	etts Right-	Right-to-	Right-to-	Know	ia Right-to-	Right-to-
Material	65	to-Know	Know	Know	Substance	Know	Know
Limestone	Not listed	Listed	Listed	Not listed	Listed	Listed	Not listed
Titanium dioxide	Not listed	Listed	Listed	Not listed	Listed	Listed	Not listed
Silicon dioxide	Not listed	Listed	Listed	Not listed	Not listed	Listed	Not listed
Silica, quartz	Not listed	Listed	Listed	Listed	Listed	Listed	Not listed
Carbon Black	Cancer	Listed	Listed	Not listed	Not listed	Listed	Not listed
Toluene	Dev	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 - NZloC	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:** 2-2-0

**Carcinogen Status:** No data available.

### **SECTION 16: OTHER INFORMATION**

# HMIS (Hazardous Materials Identification System) rating:

Health:	2*
Flammability:	2
Physical:	0

# 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

PCDA Personal Florective 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)



# Classified to the 2012 OSHA Hazard Communication Standard 29 CFR 1920.1200.

# SAFETY DATA SHEET

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)

**Date of preparation:** April 27, 2018

Version: 1.0

**Revision Date:** April 27, 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 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**