

**SECTION 1 : Identification of the substance/preparation and of the company / undertaking**

**(a) GHS product identifier**

Garreco Silaform (All Types and Parts)

**(e) Emergency phone number**

CHEMTRAC 1-800-424-9300

**(b) Other means of identification**

NA

**(c) Recommended use of the chemical and restrictions on use**

For professional dental applications.

**(d) Supplier's details**

Garreco, LLC.  
430 Hiram Road  
Heber Springs, AR 72543  
Phone: 1-800-334-1443

**SECTION 2: Hazards identification**

**(a) GHS classification of the substance/mixture**

**Substance Name**

1. Polyorganosiloxanes with inert mineral fillers.
2. Platinum (Below Threshold)

**(b) Label Elements**

**Hazard statements**

None

**Precautionary statements**

**Hazard Symbol(s)**

NONE

**Signal Word(s)**

NONE

**(c) Other hazards which do not result in classification**

Slightly irritating to eyes  
Combustible liquid. Explosive vapor/air mixtures may be formed above 200°C.

**SECTION 3: Composition/information on ingredients**

**(a) Chemical(s) Identity:**

**(b) Common Name:**

Polyorganosiloxanes with inert mineral fillers.  
Platinum

**(c) CAS No.**

CBI  
7440-06-4

**Mixture:**

**Concentration (Percentage)**

95.0 - 100.0%  
0.004% (Below Threshold)

**SECTION 4: First-aid measures**

**(a) Description of first aid measures:**

**IF ON SKIN (or hair):** Wipe off with cloth or paper. Then wash with soap and water.

**IF INHALED:** No special measures required.

**IF SWALLOWED:** In cases of sickness seek medical advice (show label if possible).

**IF IN EYES:** Rinse immediately with plenty of water. Seek medical advice in case of continuous irritation

**(b) Most important symptoms and effects, both acute and delayed:**

ND

**(c) Indication of any immediate medical attention and special treatment needed:**

**IN EYES:** Tears, blurred vision and redness.

**INGESTION:** Burning sensation of the mouth, throat and gastrointestinal tract and abdominal pain.

**SECTION 5: Fire-fighting measures**

**(a) Suitable extinguishing media:**

Water spray, foam, powders, carbon dioxide (CO<sup>2</sup>)

**(b) Special hazards arising from the chemical or mixture:**

Combustible liquid. On heating or during combustion: Toxic and flammable vapors are released (explosion hazard).

**(c) Special protective equipment and precautions for fire-fighters:**

Self-contained breathing apparatus.

**SECTION 6: Accidental release measures**

**(a) Personal precautions, protective equipment and emergency procedures:**

Safety Glasses.

**(b) Environmental precautions:**

This product does not present any particular risk for the environment.

**(c) Methods and material for containment and cleaning up:**

Absorb mechanically and dispose of according to regulations. Absorb with a liquid binding material such as diatomaceous earth and dispose of according to regulations.

**SECTION 7: Handling and storage**

**(a) Precautions for safe handling:**

Use nitrile gloves only. Safety glasses.

**(b) Conditions for safe storage, including any incompatibilities:**

Stable under normal storage conditions. Incompatible with strong oxidizing agents.

**SECTION 8: Exposure controls/Personal protection**

**(a) Control parameters:**

Chemical	ACGIH		OSHA	
	TLV		PEL	TWA
Platinum	1 mg/m		ND	

**(b) Appropriate Engineering Controls:**

NA

**(c) Individual protection measures:**

Use safety glasses. Do not drink, eat or smoke in the workplace.

**SECTION 9: Physical and chemical properties**

**(a) Appearance:**

Viscous paste. Part A is grey/white. Part B is blue.

**(b) Odor:**

Odorless

**(c) Odor threshold:**

ND

**(d) pH:**

ND

**(e) Melting point / freezing point:**

ND

**(f) Initial boiling point and boiling range:**

ND

**(g) Flash point:**

>200° C

**(h) Evaporation rate (BuAc=1):**

ND

**(i) Flammability:**

ND

**(j) Upper/lower flammability or explosive limits:**

ND

**(k) Vapor Pressure:**

<0.01 kPa at 20° C

**(l) Vapor density:**

ND

**(m) Relative density:**

ND

**(n) Solubility:**

Practically insoluble in water. Dispersible in: diethylether, chlorinated solvents, aromatic or aliphatic hydrocarbons

**(o) Partition coefficient: n-octanol/water:**

ND

**(p) Auto-ignition temperature:**

ND

**(q) Decomposition temperature:**

>200° C

**(r) Viscosity:**

ND

**SECTION 10: Stability and reactivity**

**(a) Reactivity:**

Possible

**(b) Chemical stability:**

Stable at room temperature.

**(c) Possibility of hazardous reactions:**

Reacts with: chemical compounds with mobile hydrogen, metal salts and complexes. A fire hazard arises since highly flammable gas is released when in contact with alkalis, caustic products, strong oxidizing agents.

**(d) Conditions to avoid:**

Alkalis, caustic products, strong oxidizing agents.

On combustion or on thermal decomposition releases: flammable vapors.

**(f) Hazardous decomposition products:**

Toxic gases (Carbon oxides).

Quantity of hydrogen potentially released: 5 l/kg of product

**SECTION 11: Toxicological information**

<b>Acute toxicity</b>	NA
<b>Skin corrosion/irritation</b>	ND
<b>Serious Eye Damage / Irritation</b>	May cause temporary irritation to ocular mucous membranes.
<b>Respiratory or skin sensitization</b>	ND
<b>Germ cell mutagenicity</b>	ND
<b>Carcinogenicity</b>	ND
<b>Reproductive toxicity</b>	ND
<b>STOT-single exposure</b>	ND
<b>STOT-repeated exposure</b>	ND
<b>Aspiration Hazard</b>	ND

(a) **Exposure route:** Eyes

(b) **Symptoms related to the physical, chemical and toxicological characteristics:**  
May cause temporary irritation to ocular mucous membranes.

(c) **Delayed and immediate effects and also chronic effects from short and long term exposure:**  
May cause temporary irritation to ocular mucous membranes.

(d) **Numerical measures of toxicity:**  
LD 50 skin (Rat): >2000mg/kg.  
LD 50 oral (Rat): >2000mg/kg.

**SECTION 12: Ecological information**

(a) <b>Ecotoxicity:</b>	Low to none
(b) <b>Persistence and degradability:</b>	Not Biodegradable
(c) <b>Bioaccumulative potential</b>	Not bioaccumulable
(d) <b>Mobility in soil:</b>	The product is slightly soluble and forms sediment by absorption in materials/particles in suspension.
(e) <b>Other adverse effects:</b>	ND

**SECTION 13: Disposal considerations****Product:****Recommendation**

Do not discharge waste into drains. Dilute with a flammable solvent and incinerate at a licensed installation.

Un-vulcanized product and Vulcanized product: May be disposed of with non hazardous industrial waste.

Contaminated packaging: Allow it to drain thoroughly. Rinse with an appropriate solvent. Recover the solvent used for rinsing and incinerate at a licensed site. Entrust the decontaminated packaging to a licensed waste-contractor. Follow local, state, and federal regulations.

**SECTION 14: Transport information**

(a) <b>UN Number</b>	Not regulated.
(b) <b>UN Proper shipping name</b>	NA
(c) <b>Transport hazard class(es)</b>	NA
(d) <b>Packing Group</b>	NA
(e) <b>Environmental hazards</b>	NA
(f) <b>Transport in bulk</b>	NA
(g) <b>Other Information</b>	NA

**SECTION 15: Regulatory information**

<b>SARA Reporting Requirements:</b>	Not required
<b>SARA Threshold Planning Quantity:</b>	NA
<b>TSCA Inventory Status:</b>	NA
<b>Other Federal Requirements:</b>	NA
<b>Other Canadian Regulations:</b>	NA
<b>State Regulatory Information:</b>	NA

**SECTION 16: Other information**

**PREPARED BY:** Kristofer Mainar

**GAR QMS SDS REFERENCE:** A040 and A041

**HAZARDOUS MATERIAL IDENTIFICATION (HMIS) RATING:**

Health	ND
Flammability	ND
Reactivity	ND
Other	ND

**REVISION NUMBER:** 170329

**CHANGES FROM PREVIOUS VERSION:** Replaces A232. Reviewed for accuracy on 3/29/17.

**ABBREVIATIONS**

NA Not Applicable	LD Lethal Dose
ND Not Determined	TC Toxic Concentration
NE Not Established	TD Toxic Dose
ppm parts per million	BOD Biological Oxygen Demand
G Gallon	COD Chemical Oxygen Demand
mg Milligram	Lo Lowest
L Liter	ThOD Theoretical Oxygen Demand
gm Gram	TLm Threshold Limit
mol Mole	IC Inhibitory Concentration
kg Kilogram	DOC Dissolved Organic Carbon
μ Micro	H Hours
mm Millimeter	M Months
p Pico	D Days
Pa Pascals	Y Years
c cento	W Weeks
LC Lethal Concentration	DSL Canadian Domestic Substances List
ACGIH American Conference of Governmental Industrial Hygienist	NDSL Canadian Non-domestic Substance List
CPR Controlled Product's Regulation	IARC International Agency for Research for Cancer
OSHA Occupational Safety and Health Administration	NOEL No Observed Effect Level
PEL Permissible Exposure Limit	NOAEL No Observed Adverse Effect Level
TLV Threshold Limit Value	CBI Confidential Business Information

**Safety Data Sheet**

Form No. A503

**Date Prepared: 3/29/2017**

THIS MATERIAL SAFETY DATA SHEET IS PREPARED IN COMPLIANCE WITH FEDERAL REGULATIONS (29 CFR 1910.1200) OF CHEMICALS AND THE GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING REVISION 5. ANY APPLICABLE STATE AND LOCAL REGULATIONS SHOULD BE CONSULTED.

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