

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

- (a) **GHS product identifier**
Garreco Flex Tray
- (e) **Emergency phone number**
CHEMTRAC 1-800-424-9300
- (b) **Other means of identification**
N/A
- (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. Amorphous Silica

(b) **Label Elements**

	Hazard statements NONE
	Precautionary statements NONE
Hazard Symbol(s) NONE	Signal Word(s) NONE

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

Slight irritation may be caused in contact with eyes. Temporary irritation of skin may be produced.

SECTION 3: Composition/information on ingredients

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

(b) **Common Name:**
1. Amorphous Silica

(c) **CAS No.**
7631-86-9

Mixture:

Concentration (Percentage)
98%

SECTION 4: First-aid measures

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

IF ON SKIN (or hair): If irritation occurs, wash skin thoroughly with soap and water. Seek medical attention if irritation persists.

IF INHALED: Remove person from source of exposure and then seek medical attention immediately.

IF SWALLOWED: Seek medical attention immediately.

IF IN EYES: If irritation occurs, flush eyes immediately with water for at least 15 minutes holding eyelids open while flushing. Seek medical attention promptly.

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

IF IN EYES: If irritation occurs, flush eyes immediately with water for at least 15 minutes holding eyelids open while flushing. Seek medical attention promptly.

IF ON SKIN (or hair): If irritation occurs, wash thoroughly with soap and water. If irritation persists: Get medical attention.

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

Irritation of skin or eyes. Redness of skin or eyes.

SECTION 5: Fire-fighting measures

(a) **Suitable extinguishing media:**

ND

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

ND

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

ND

SECTION 6: Accidental release measures

- (a) **Personal precautions, protective equipment and emergency procedures:**
ND
- (b) **Environmental precautions:**
ND
- (c) **Methods and material for containment and cleaning up:**
ND

SECTION 7: Handling and storage

- (a) **Precautions for safe handling:**
Obtain special instructions before use. Use in well ventilated areas. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. Avoid contact with skin, eyes and clothing. Use good personal hygiene and housekeeping.
- (b) **Conditions for safe storage, including any incompatibilities:**
Store in a cool, dry location, away from direct sunlight, other light sources, or sources of intense heat.

SECTION 8: Exposure controls/Personal protection

(a) **Control parameters:**

Chemical	ACGIH		OSHA
	TLV		PEL TWA
1. Amorphous Silica	10 mg/m ³ (inhalable); 3 mg/m ³ (respirable)		80mg/m ³ ÷ % SiO ₂ or 20 mppcf

(b) **Appropriate Engineering Controls:**

VENTILATION:

General ventilation and/or local exhaust ventilation should be utilized to maintain exposures below the TLV.

(c) **Individual protection measures:**

- RESPIRATORY:** Use an approved disposable dust respirator designed for nuisance type dusts.
- EYE PROTECTION:** Safety glasses with side shields or chemical splash goggles must be worn to prevent eye contact. A good safety practice is to have an eyewash station readily available near the work area.
- PROTECTIVE CLOTHING:** Wear rubber gloves when handling this product. Personnel that are more susceptible to irritation from fibers or dusts should wear full-body coveralls.

SECTION 9: Physical and chemical properties

- (a) **Appearance:** Woven Fabric
- (b) **Odor:** None
- (c) **Odor threshold:** ND
- (d) **pH:** ND
- (e) **Melting point / freezing point:** >3000° F / 4046° F
- (f) **Initial boiling point and boiling range:** ND
- (g) **Flash point:** ND
- (h) **Evaporation rate (BuAc=1):** ND
- (i) **Flammability:** Not flammable
- (j) **Upper/lower flammability or explosive limits:** ND
- (k) **Vapor Pressure:** ND
- (l) **Vapor density:** ND
- (m) **Relative density:** ND
- (n) **Solubility:** Insoluble
- (o) **Partition coefficient: n-octanol/water:** ND
- (p) **Auto-ignition temperature:** ND
- (q) **Decomposition temperature:** ND
- (r) **Viscosity:** ND

SECTION 10: Stability and reactivity

- (a) **Reactivity:** Low
- (b) **Chemical stability:** Product is stable at normal temperature and storage conditions.
- (c) **Possibility of hazardous reactions:** ND
- (d) **Conditions to avoid:** ND
- (f) **Hazardous decomposition products:** None known.

SECTION 11: Toxicological information

Acute toxicity	ND
Skin corrosion/irritation	May be irritating to skin in some sensitive individuals, especially after prolonged and/or repeated contact.
Serious Eye Damage / Irritation	May be irritating to the eyes by gross overexposure, no matter how generated. Symptoms of overexposure may include redness, itching, irritation and watering. Keep dust out of eyes.
Respiratory or skin sensitization	May be irritated by gross overexposure, no matter how generated.
Germ cell mutagenicity	NA
Carcinogenicity	ND
Reproductive toxicity	ND
STOT-single exposure	ND
STOT-repeated exposure	ND
Aspiration Hazard	ND

- (a) **Exposure route:** Ingestion or skin/eye exposure
- (b) **Symptoms related to the physical, chemical and toxicological characteristics:**
Irritation of skin or eyes. Redness of skin or eyes.
- (c) **Delayed and immediate effects and also chronic effects from short and long tem exposure:**
Irritation of skin or eyes. Redness of skin or eyes.

(d) Numerical measures of toxicity:

Chemical	TLV	PEL TWA
1. Amorphous Silica	10 mg/m ³ (inhalable); 3 mg/m ³ (respirable)	80mg/m ³ ÷ % SiO ₂ or 20 mppcf

SECTION 12: Ecological information

- (a) **Ecotoxicity:** No information is available; however, toxicity is expected to be low based on the insolubility in water of the product.
- (b) **Persistence and degradability:** ND
- (c) **Bioaccumulative potential:** ND
- (d) **Mobility in soil:** ND
- (e) **Other adverse effects:** ND

SECTION 13: Disposal considerations

Product:

Recommendation

Dispose in a landfill or incinerate according to Federal, State, and Local regulations.

SECTION 14: Transport information

- (a) **UN Number** None
- (b) **UN Proper shipping name** None
- (c) **Transport hazard class(es)** None
- (d) **Packing Group** None
- (e) **Environmental hazards** ND
- (f) **Transport in bulk** ND
- (g) **Other Information** ND

SECTION 15: Regulatory information

SARA Reporting Requirements: None

SARA Threshold Planning Quantity: None
TSCA Inventory Status: The chemical substances in this product are on the TSCA Section 8 Inventory
Other Federal Requirements: None
Other Canadian Regulations: None
State Regulatory Information: None

SECTION 16: Other information

PREPARED BY: Kristofer Mainar
GAR QMS SDS REFERENCE: A269

HAZARDOUS MATERIAL IDENTIFICATION (HMIS) RATING:

Health	ND
Flammability	ND
Reactivity	ND
Other	ND

REVISION NUMBER: 141203

CHANGES FROM PREVIOUS VERSION: INITIAL VERSION

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	NOEL No Observed Effect Level
ACGIH American Conference of Governmental Industrial Hygienist	NOAEL No Observed Adverse Effect Level
CPR Controlled Product's Regulation	OSHA Occupational Safety and Health Administration
DSL Canadian Domestic Substances List	PEL Permissible Exposure Limit
NDSL Canadian Non-domestic Substance List	TLV Threshold Limit Value
IARC International Agency for Research for Cancer	

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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