

# GatorBar™

## Safety Data Sheet

### SECTION 1: Identification

#### 1.1. Identification

Product name : GatorBar™

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Construction

#### 1.3. Details of the supplier of the safety data sheet

Neuvokas Corp.  
3206 #6 Road  
Ahmeek, MI 49901

#### 1.4. Emergency telephone number

Emergency number : 906-934-2661

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

Note: The product in its solid state under normal conditions, does not present an inhalation, ingestion or skin hazard. However, operations resulting in fume or particulate formation such as sawing, grinding and machining may present health hazards. The following classification applies to product processing.

#### Classification (GHS-US)

Carc. 2 H351

Full text of classification categories and H statements : see section 16

#### 2.2. Label elements

##### GHS-US labeling

Hazard pictograms (GHS-US) :



GHS08

Signal word (GHS-US) : Warning

Hazard statements (GHS-US) : H351 - Suspected of causing cancer

Precautionary statements (GHS-US) : P201 - Obtain special instructions before use  
P202 - Do not handle until all safety precautions have been read and understood  
P280 - Wear protective gloves/protective clothing/eye protection/face protection  
P308+P313 - If exposed or concerned: Get medical advice/attention  
P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

#### 2.3. Other hazards

No additional information available

#### 2.4. Unknown acute toxicity (GHS US)

Not applicable

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

This product is composed of basalt fiber which is chemically bound using an epoxy resin. There are no anticipated hazards associated with the final resin system. The following is a breakdown of the basalt fiber:

Name	Product identifier	%	GHS-US classification
Silica, amorphous, fumed, crystalline-free	(CAS No) 112945-52-5	40 - 50	Not classified
Iron oxide (Fe <sub>2</sub> O <sub>3</sub> )	(CAS No) 1309-37-1	15 - 20	Not classified
Aluminum oxide (Al <sub>2</sub> O <sub>3</sub> )	(CAS No) 1344-28-1	10 - 15	Not classified

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Name	Product identifier	%	GHS-US classification
Calcium oxide	(CAS No) 1305-78-8	5 - 10	Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335
Magnesium oxide (MgO)	(CAS No) 1309-48-4	1 - 5	Not classified
Sodium oxide (Na <sub>2</sub> O)	(CAS No) 1313-59-3	1 - 5	Not classified
Potassium oxide	(CAS No) 12136-45-7	1 - 5	Not classified
Titanium dioxide	(CAS No) 13463-67-7	1 - 5	Carc. 2, H351
Manganese dioxide	(CAS No) 1313-13-9	< 1	Acute Tox. 4 (Inhalation), H332

Full text of H-phrases: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- First-aid measures after inhalation : Remove to fresh air. Dust in throat and nasal passages should clear spontaneously. Contact a physician if irritation persists or develops later.
- First-aid measures after skin contact : Wash with soap and water. Contact a physician if irritation persists or develops later.
- First-aid measures after eye contact : Immediately flush eye(s) with plenty of clean water for at least 15 minutes, while holding the eyelid(s) open. Occasionally lift the eyelid(s) to ensure thorough rinsing. Beyond flushing, do not attempt to remove material from the eye(s). Contact a physician if irritation persists or develops later.
- First-aid measures after ingestion : If person is conscious, give a large quantity of water and induce vomiting; however, never attempt to make an unconscious person drink or vomit. Get medical attention.

#### 4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries after inhalation : Dust may irritate nose, throat, mucous membranes, and respiratory tract by mechanical abrasion. Coughing, sneezing, chest pain, shortness of breath, inflammation of mucous membrane, and flu-like fever may occur following exposures in excess of appropriate exposure limits. Repeated excessive exposure may cause pneumoconiosis, such as silicosis and other respiratory effects.
- Symptoms/injuries after skin contact : Not expected to be a significant route of exposure.
- Symptoms/injuries after eye contact : Direct contact with dust may cause irritation by mechanical abrasion. Conjunctivitis may occur.
- Symptoms/injuries after ingestion : Small amounts (a tablespoonful) swallowed during normal handling operations are not likely to cause injury. Ingestion of large amounts may cause gastrointestinal irritation and blockage.

#### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : Use appropriate extinguishing media for surrounding fire.
- Unsuitable extinguishing media : None

#### 5.2. Special hazards arising from the substance or mixture

- Fire hazard : Not flammable.
- Explosion hazard : None known.

#### 5.3. Advice for firefighters

- Protection during firefighting : Firefighters should wear full protective gear.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Avoid contact with the skin and the eyes.

##### 6.1.1. For non-emergency personnel

No additional information available

##### 6.1.2. For emergency responders

No additional information available

#### 6.2. Environmental precautions

None.

#### 6.3. Methods and material for containment and cleaning up

- For containment : No special measures required.

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Methods for cleaning up : Collect spillage. Where dust can be generated, personnel should use respiratory protective equipment. Do not dry sweep spilled material.

### 6.4. Reference to other sections

No additional information available

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with eyes, skin and clothing. Do not breathe dusts which may be generated during processing.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : No special storage necessary.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

<b>Iron oxide (Fe<sub>2</sub>O<sub>3</sub>) (1309-37-1)</b>		
ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> (respirable fraction)
OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> (fume) 15 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable fraction)
IDLH	US IDLH (mg/m <sup>3</sup> )	2500 mg/m <sup>3</sup> (dust and fume)
NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> (dust and fume)
<b>Titanium dioxide (13463-67-7)</b>		
ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup> (total dust)
IDLH	US IDLH (mg/m <sup>3</sup> )	5000 mg/m <sup>3</sup>
<b>Sodium oxide (Na<sub>2</sub>O) (1313-59-3)</b>		
Not applicable		
<b>Potassium oxide (12136-45-7)</b>		
Not applicable		
<b>Manganese dioxide (1313-13-9)</b>		
Not applicable		
<b>Magnesium oxide (MgO) (1309-48-4)</b>		
ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> (inhalable fraction)
OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup> (fume, total particulate)
IDLH	US IDLH (mg/m <sup>3</sup> )	750 mg/m <sup>3</sup> (fume)
<b>Calcium oxide (1305-78-8)</b>		
ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
IDLH	US IDLH (mg/m <sup>3</sup> )	25 mg/m <sup>3</sup>
NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
<b>Aluminum oxide (1344-28-1)</b>		
OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable fraction)
<b>Silica, amorphous, fumed, crystalline-free (112945-52-5)</b>		
Not applicable		

### 8.2. Exposure controls

Appropriate engineering controls : Local exhaust and general ventilation must be adequate to meet exposure standards.  
Hand protection : Protective gloves are recommended under normal handling conditions.

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Eye protection	: Safety glasses. Dust goggles should be used when dusty conditions are present or anticipated.
Skin and body protection	: Wear suitable protective clothing.
Respiratory protection	: If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: FRP rebar
Color	: Black
Odor	: Odorless
Odor threshold	: No data available
pH	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Vapor pressure	: No data available
Relative density	: No data available
Relative vapor density at 20 °C	: No data available
Solubility	: Insoluble
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available

#### 9.2. Other information

No additional information available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No additional information available

#### 10.2. Chemical stability

The product is stable at normal handling and storage conditions.

#### 10.3. Possibility of hazardous reactions

Will not occur.

#### 10.4. Conditions to avoid

None.

#### 10.5. Incompatible materials

Oxidizers

#### 10.6. Hazardous decomposition products

Burning can produce toxic compounds.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

<b>Iron oxide (Fe<sub>2</sub>O<sub>3</sub>) (1309-37-1)</b>	
LD50 oral rat	> 10000 mg/kg
<b>Titanium dioxide (13463-67-7)</b>	
LD50 oral rat	> 10000 mg/kg
<b>Manganese dioxide (1313-13-9)</b>	
LD50 oral rat	9000 mg/kg
ATE US (oral)	9000.000 mg/kg
<b>Calcium oxide (1305-78-8)</b>	
LD50 oral rat	500 mg/kg
ATE US (oral)	500.000 mg/kg
<b>Aluminum oxide (1344-28-1)</b>	
LD50 oral rat	> 5000 mg/kg
<b>Silica, amorphous, fumed, crystalline-free (112945-52-5)</b>	
LD50 oral rat	3160 mg/kg
ATE US (oral)	3160.000 mg/kg

Skin corrosion/irritation : Not classified  
 Serious eye damage/irritation : Causes eye irritation.  
 Respiratory or skin sensitization : Not classified  
 Germ cell mutagenicity : Not classified  
 Carcinogenicity : Suspected of causing cancer.

<b>Iron oxide (Fe<sub>2</sub>O<sub>3</sub>) (1309-37-1)</b>	
IARC group	3 - Not classifiable
<b>Titanium dioxide (13463-67-7)</b>	
IARC group	2B - Possibly carcinogenic to humans
In OSHA Hazard Communication Carcinogen list	Yes
<b>Silica, amorphous, fumed, crystalline-free (112945-52-5)</b>	
IARC group	3 - Not classifiable

Reproductive toxicity : Not classified  
 Specific target organ toxicity (single exposure) : Not classified  
 Specific target organ toxicity (repeated exposure) : Not classified.  
 Aspiration hazard : Not classified

## SECTION 12: Ecological information

### 12.1. Toxicity

<b>Calcium oxide (1305-78-8)</b>	
LC50 fish 1	1070 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [static])

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

<b>Manganese dioxide (1313-13-9)</b>	
BCF fish 1	(no bioaccumulation expected)

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<b>Manganese dioxide (1313-13-9)</b>	
Log Pow	< 0 (at 20 °C)
<b>Calcium oxide (1305-78-8)</b>	
BCF fish 1	(no bioaccumulation)

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Effect on global warming : No known ecological damage caused by this product.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose of contents/container in accordance with local/regional/national/international regulations.

## SECTION 14: Transport information

### Department of Transportation (DOT)

In accordance with DOT  
Not regulated for transport

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

<b>Iron oxide (Fe<sub>2</sub>O<sub>3</sub>) (1309-37-1)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Titanium dioxide (13463-67-7)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Sodium oxide (Na<sub>2</sub>O) (1313-59-3)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Potassium oxide (12136-45-7)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Manganese dioxide (1313-13-9)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Magnesium oxide (MgO) (1309-48-4)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Calcium oxide (1305-78-8)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Aluminum oxide (1344-28-1)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313	
SARA Section 313 - Emission Reporting	1.0 % (fibrous forms)

### 15.2. US State regulations

<b>Titanium dioxide (13463-67-7)</b>				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
Yes	No	No	No	

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### Iron oxide (Fe<sub>2</sub>O<sub>3</sub>) (1309-37-1)

U.S. - Massachusetts - Right To Know List  
 U.S. - Minnesota - Hazardous Substance List  
 U.S. - New Jersey - Right to Know Hazardous Substance List  
 U.S. - Pennsylvania - RTK (Right to Know) List

### Titanium dioxide (13463-67-7)

U.S. - Massachusetts - Right To Know List  
 U.S. - Minnesota - Hazardous Substance List  
 U.S. - New Jersey - Right to Know Hazardous Substance List  
 U.S. - Pennsylvania - RTK (Right to Know) List

### Potassium oxide (12136-45-7)

U.S. - New Jersey - Right to Know Hazardous Substance List

### Magnesium oxide (MgO) (1309-48-4)

U.S. - Massachusetts - Right To Know List  
 U.S. - Minnesota - Hazardous Substance List  
 U.S. - New Jersey - Right to Know Hazardous Substance List  
 U.S. - Pennsylvania - RTK (Right to Know) List

### Calcium oxide (1305-78-8)

U.S. - Massachusetts - Right To Know List  
 U.S. - Minnesota - Hazardous Substance List  
 U.S. - New Jersey - Right to Know Hazardous Substance List  
 U.S. - Pennsylvania - RTK (Right to Know) List

### Aluminum oxide (1344-28-1)

U.S. - Massachusetts - Right To Know List  
 U.S. - Minnesota - Hazardous Substance List  
 U.S. - New Jersey - Right to Know Hazardous Substance List  
 U.S. - Pennsylvania - RTK (Right to Know) List

## SECTION 16: Other information

Full text of H-phrases:

Acute Tox. 4 (Inhalation)	Acute toxicity (inhalation) Category 4
Carc. 2	Carcinogenicity Category 2
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H315	Causes skin irritation
H318	Causes serious eye damage
H332	Harmful if inhaled
H335	May cause respiratory irritation
H351	Suspected of causing cancer

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*