

**SDS - SAFETY DATA SHEET****SECTION I: PRODUCT IDENTIFICATION****Product name:** MASTERS® HIGH TEMPERATURE SILICONE**Product use:** Gasket Making Silicone Sealant**Supplier name and address:**G.F. THOMPSON CO. LTD.  
620 Steven Court, Unit 11  
Newmarket, Ontario  
L3Y 6Z2**Manufacturer name and address:**

Refer to supplier.

**Emergency Tel:**

Mon – Fri, 7:30 am to 5:00 pm EST

905-898-2557

800-499-3673 (toll free)

**24 hr Emergency Tel:**

905-252-6219 or 647-448-2050

**SECTION II: HAZARDS****Label Elements**

Not classified under any hazard class. Precautionary Statement(s):

**Prevention:**

Use only outdoors or in a well-ventilated area.

**Other Hazards**

None known.

**SECTION III: COMPOSITION/INFORMATION ON INGREDIENTS****Substance/Mixture:**

Mixture

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Silica 2482, hydrophobic	7631-86-9	5.0-10.0	Silicon Dioxide	
Ferric oxide	1309-37-1	1.0-5.0	Iron (III) oxide	
Aluminum powder, uncoated	7429-90-5	1.0- 5.0	Aluminium	
Carbon black	1333-86-4	0.1-1.0	Carbon Black	
Titanium dioxide	13463-67-7	0.1-1.0	Titanium (IV) oxide	

**SECTION IV: FIRST AID****First-aid Measures****Inhalation**

Move to fresh air. Get medical advice or attention if you feel unwell or are concerned.

**Skin Contact**

Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes. Get medical advice or attention if you feel unwell or are concerned.

**Eye Contact**

Rinse the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes, while holding the eyelid(s) open. If eye irritation persists, get medical advice or attention.

**Ingestion**

Get medical advice or attention if you feel unwell or are concerned. Rinse mouth with water. Do not induce vomiting.

**First-aid Comments**

If exposed or concerned, get medical advice or attention. Most Important Symptoms and Effects, Acute and Delayed None known.

**Immediate Medical Attention and Special Treatment Special Instructions**

Not applicable.

**Medical Conditions Aggravated by Exposure**

None known.

## SECTION V: FIREFIGHTING MEASURES

### Extinguishing Media

#### Suitable Extinguishing Media

Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog.

#### Unsuitable Extinguishing Media

None known.

### Specific Hazards Arising from the Product

In a fire, the following hazardous materials may be generated: very toxic carbon monoxide, carbon dioxide; very toxic, flammable formaldehyde; silicon oxides; metal oxides.

### Special Protective Equipment and Precautions for Fire-fighters

Before entry, especially into confined areas, use an appropriate monitor to check for: toxic gases or vapours. Fire-fighters may enter the area if positive pressure SCBA and full Bunker Gear is worn.

## SECTION VI: ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment, and Emergency Procedures

Use the personal protective equipment recommended in Section 8 of this safety data sheet.

### Environmental Precautions

It is good practice to prevent releases into the environment. Do not allow into any sewer, on the ground or into any waterway.

### Methods and Materials for Containment and Cleaning Up

Contain and soak up spill with absorbent that does not react with spilled product. Place used absorbent into suitable, covered, labelled containers for disposal. Dike spilled product to prevent runoff. Review Section 13 (Disposal Considerations) of this safety data sheet.

## SECTION VII: HANDLING AND STORAGE

### Precautions for Safe Handling

It is good practice to: avoid breathing product; avoid skin and eye contact and wash hands after handling. Only use where there is adequate ventilation.

### Conditions for Safe Storage

No special requirements for storage area. Comply with all applicable health and safety regulations, fire and building codes.

## SECTION VIII: EXPOSURE CONTROLS/PERSONAL PROTECTION

### CONTROL PARAMETERS:

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Silica 2482, hydrophobic	Not established	Not established	10 mg/m <sup>3</sup>	Not established	Not established	Not established
Carbon black	3 mg/m <sup>3</sup> A3	Not established	3.5 mg/m <sup>3</sup>	Not established	Not established	Not established
Ferric oxide	5 mg/m <sup>3</sup>		10 mg/m <sup>3</sup>			
Titanium dioxide	10 mg/m <sup>3</sup> A4	Not established	15 mg/m <sup>3</sup>	Not established	Not established	Not established
Aluminum powder, uncoated	1 mg/m <sup>3</sup>		15 mg/m <sup>3</sup>			

**Appropriate Engineering Controls**

The hazard potential of this product is relatively low. General ventilation is usually adequate.

**Individual Protection Measures Eye/Face Protection**

Not required but it is good practice to wear safety glasses or chemical safety goggles.

**Skin Protection**

Wear chemical protective clothing e.g. gloves, aprons, boots.

**Respiratory Protection**

Not normally required if product is used as directed.

**SECTION XI: PHYSICAL AND CHEMICAL PROPERTIES****Basic Physical and Chemical Properties**

Appearance	Red viscous paste.
Odour	Vinegar
Odour Threshold	Not available
pH	Not applicable
Melting Point/Freezing Point	Not available (melting); Not available (freezing)
Initial Boiling Point/Range	Not applicable
Flash Point	Not applicable
Evaporation Rate	Not applicable
Flammability (solid, gas)	Will not burn.
Upper/Lower Flammability or Explosive Limit	Not available (upper); Not available (lower)
Vapour pressure	Not applicable
Vapour density (air = 1)	Not available
Relative Density (water = 1)	1.007 at 25°C (77°F)
Solubility	Not available in water; not available (other liquids)
Partition Coefficient, n-Octanol/Water (log Kow)	Not available
Auto-ignition Temperature	Not applicable
Decomposition Temperature	Not available
Viscosity	Not available (kinematic); Not available (dynamic)

**Other Information**

Physical State: Liquid

**SECTION X: STABILITY AND REACTIVITY****Reactivity**

Not reactive under normal conditions of use.

**Chemical Stability**

Normally stable.

**Possibility of Hazardous Reactions**

Decomposes in the presence of increased temperature.

**Conditions to Avoid**

Prolonged exposure to high temperatures. Water, moisture or humidity. Temperatures above 150.0 °C (302.0 °F)

**Incompatible Materials**

Forms corrosive chemicals on contact with: water. Forms toxic chemicals on contact with: strong oxidizing agents (e.g. perchloric acid), strong acids (e.g. hydrochloric acid).

**Hazardous Decomposition Products**

Very toxic, flammable formaldehyde. carbon oxides silicon oxides metal oxides.

## SECTION XI: TOXICOLOGICAL INFORMATION

Information presented below is for the entire product, unless otherwise specified.

**Likely Routes of Exposure**

Skin contact; ingestion; eye contact.

**Acute Toxicity**

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Silica 2482, hydrophobic	> 2.08 mg/L (rat) (dust)	> 3300 mg/kg (rat)	> 5000 mg/kg (rabbit)
Carbon black	6750 mg/L (rat) (4-hour exposure)		
Ferric oxide		> 10000 mg/kg (rat)	
Titanium dioxide	> 6820 mg/kg (rat) (4-hour exposure)	> 25000 mg/kg (rat)	> 10000 mg/kg (rabbit)
Aluminum powder, uncoated	> 1000 mg/m <sup>3</sup> (rat) (4-hour exposure)		

**Skin Corrosion/Irritation**

No information was located. May cause very mild irritation based on information for closely related chemicals.

**Serious Eye Damage/Irritation**

May cause very mild irritation based on information for closely related chemicals.

**STOT (Specific Target Organ Toxicity) - Single Exposure Inhalation**

No information was located.

**Skin Absorption**

No information was located.

**Ingestion**

No information was located.

**Aspiration Hazard**

No information was located.

**STOT (Specific Target Organ Toxicity) - Repeated Exposure**

No information was located. Respiratory and/or Skin Sensitization No information was located.

**Carcinogenicity**

Chemical Name	IARC	ACGIH®	NTP	OSHA
Silica 2482, hydrophobic	Group 3	Not Listed	Not Listed	Not Listed
Carbon black	Group 2B	A3	Not Listed	Not Listed
Ferric oxide	Group 3	A4	Not Listed	Not Listed
Titanium dioxide	Group 2B	A4	Not Listed	Not Listed

Not known to cause cancer.

**Key to Abbreviations**

ACGIH® = American Conference of Governmental Industrial Hygienists. IARC = International Agency for Research on Cancer. Group 3 = Not classifiable as to its carcinogenicity to humans.

**Reproductive Toxicity Development of Offspring**

Conclusions cannot be drawn from the limited studies available.

**Sexual Function and Fertility**

Conclusions cannot be drawn from the limited studies available.

**Effects on or via Lactation**

Conclusions cannot be drawn from the limited studies available.

**Germ Cell Mutagenicity**

Conclusions cannot be drawn from the limited studies available.

**Interactive Effects**

No information was located.



**SECTION XII: ECOLOGICAL INFORMATION**

Refer to the supplier for Ecological Information

**SECTION XIII: DISPOSAL CONSIDERATIONS**

Refer to the supplier for Disposal Considerations.

**SECTION XIV: TRANSPORT INFORMATION**

Refer to the supplier for Transport Information

**SECTION XV: REGULATORY INFORMATION**

Refer to the supplier for Regulatory Information

**SECTION XVI: OTHER**

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