



SILICONE

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SDS – SAFETY DATA SHEET

SECTION I: IDENTIFICATION

Product name: MASTERS® SILICONE SEALANT - COLOURS

Product use: Silicone Sealant

Supplier name and address:

G.F. THOMPSON CO. LTD.
620 Steven Court, Unit 11
Newmarket, Ontario
L3Y 6Z2
905-898-2557

Manufacturer name and address:

Refer to supplier.

24 hr Emergency Tel:

1-877-740-5015

SECTION II: HAZARDS IDENTIFICATION

Label Elements

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

Prevention:

Use only outdoors or in a well-ventilated area.

Disposal:

Dispose of contents and container in accordance with local, regional, national and international regulations.

Other Hazards

None known.

SECTION III: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Silica 2482, hydrophobic	7631-86-9	5.0-10.0	Silicon Dioxide	
Distillates (petroleum), hydrotreated middle	64742-46-7	5.0-10.0	Mineral Spirits	
Ferric oxide	1309-37-1	1.0-5.0	Iron (III) oxide	
PIGMENT BLUE 15	147-14-8	1.0-5.0	Copper Phthalocyanine	
Titanium dioxide	13463-67-7	1.0-5.0	Titanium (IV) oxide	
Carbon black	1333-86-4	0.1-1.0	Carbon Black	

SECTION IV: FIRST-AID MEASURES

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: FIRE-FIGHTING 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**

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 For Clean-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 XII: 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 ³	Not established	Not established	Not established
Distillates (petroleum), hydrotreated middle	Not established	Not established	Not established	Not established	Not established	Not established
Carbon black	3 mg/m ³ A3	Not established	3.5 mg/m ³	Not established	Not established	Not established
Ferric oxide	5 mg/m ³		10 mg/m ³			
PIGMENT BLUE 15	1 mg/m ³					
Titanium dioxide	10 mg/m ³ A4	Not established	15 mg/m ³	Not established	Not established	Not established

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 IX: PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Clear colourless 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 (in 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	
Volatile Organic Content	30 g/L, 3% w/w CARB Method 310

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)
Distillates (petroleum), hydrotreated middle		> 5000 mg/kg (rat)	> 2000 mg/kg (rabbit)
Carbon black	6750 mg/L (rat) (4-hour exposure)		
Ferric oxide		> 10000 mg/kg (rat)	
PIGMENT BLUE 15		> 10000 mg/kg (rat)	
Titanium dioxide	> 6820 mg/kg (rat) (4-hour exposure)	> 25000 mg/kg (rat)	> 10000 mg/kg (rabbit)

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
Distillates (petroleum), hydrotreated middle	Not evaluated	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: TRANSPORTATION INFORMATION**

Not regulated under Canadian TDG regulations. Not regulated under US DOT Regulations. Not regulated under IATA Regulations.

Environmental Hazards Not applicable

Special Precautions Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION XV: REGULATORY INFORMATION**Refer to the supplier for Regulatory Information****SECTION XVI: OTHER INFORMATION**

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