



Self-Seal® GG-266

SECTION 1. IDENTIFICATION

Product Identifier	Self-Seal® GG-266
Other Means of Identification	Intumescent Firestop Sealant
Recommended Use	Intumescent silicone sealant for firestopping.
Restrictions on Use	None known.
Manufacturer/Supplier Identifier	NUCO Inc., 150 Curtis Dr., Guelph, Ontario, N1K 1N5, Canada, (519) 823-4994, www.sealantcentre.com
Emergency Phone No.	ChemTel Chemical Expert Assistance Hotline, 1-800-255-3924
Date of Preparation	June 15, 2017

SECTION 2. HAZARD IDENTIFICATION

Classification

Skin irritation - Category 2; Eye irritation - Category 2B; Skin sensitization - Category 1B; Carcinogenicity - Category 2

Label Elements



Signal Word:
Warning

Hazard Statement(s):

Causes skin irritation.
May cause an allergic skin reaction.
Causes eye irritation.
Suspected of causing cancer.

Precautionary Statement(s):

Prevention:

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Use only outdoors or in a well-ventilated area.
Wash hands and skin thoroughly after handling.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection.

Product Identifier:	Self-Seal® GG-266 - Ver. 1
Date of Preparation:	June 15, 2017
Date of Last Revision:	February 05, 2021

Response:

IF ON SKIN: Wash with plenty of water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF exposed or concerned: Get medical advice or attention.

If skin irritation or rash occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice or attention.

Specific treatment (see supplemental first aid instruction on this label).

Take off contaminated clothing and wash it before reuse.

Storage:

Store locked up.

Store in a well-ventilated place.

Disposal:

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

Other Hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Melamine	108-78-1	15.0-40.0	1,3,5-triazine-2,4,6-triamine	
Sulfuric acid, compd. with graphite	12777-87-6	10.0-30.0	Expandable graphite flake	
2-Butanone, O,O',O''-(methylsilylydyne)trioxime	22984-54-9	3.0-7.0	Methyl tri (methylethylketoxime)silane	
Silica 2482, hydrophobic	7631-86-9	1.0-5.0	Amorphous silica	
Silica, quartz	14808-60-7	0.1-1.0	Quartz	

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Remove source of exposure or move to fresh air. If exposed or concerned, get medical advice or attention.

Skin Contact

Take off immediately contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes. If skin irritation or a rash occurs, get medical advice or attention.

Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. Remove contact lenses, if present and easy to do. If eye irritation persists, get medical advice or attention.

Ingestion

Never give anything by mouth if person is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting. If exposed or concerned, get medical advice or attention.

Product Identifier: Self-Seal® GG-266 - Ver. 1

Date of Preparation: June 15, 2017

Date of Last Revision: February 05, 2021

Page 02 of 08

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

Target Organs

Eyes, skin, respiratory system.

Special Instructions

Not applicable.

Medical Conditions Aggravated by Exposure

None known.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Not combustible. Use extinguishing agent suitable for surrounding fire. Use water to keep non-leaking, fire-exposed containers cool.

Unsuitable Extinguishing Media

None known.

Specific Hazards Arising from the Product

Does not burn.

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

Special Protective Equipment and Precautions for Fire-fighters

Review Section 6 (Accidental Release Measures) for important information on responding to leaks/spills. No special precautions are necessary.

Fire-fighters may enter the area if positive pressure SCBA and full Bunker Gear is worn.

SECTION 6. 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. If the spill is inside a building, prevent product from entering drains, ventilation systems and confined areas. Minimize the use of water to prevent environmental contamination.

Methods and Materials for Containment and Cleaning Up

Review Section 7 (Handling) of this safety data sheet before proceeding with clean-up. Stop or reduce leak if safe to do so. Dike spilled product to prevent runoff. Contain and soak up spill with absorbent that does not react with spilled product. Place used absorbent into suitable, covered, labelled containers for disposal. Review Section 13 (Disposal Considerations) of this safety data sheet.

Other Information

Report spills to local health, safety and environmental authorities, as required.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Avoid breathing in this product. Prevent skin contact. Do not get in eyes, on skin or on clothing. Do not swallow. Only use where there is adequate ventilation. Prevent uncontrolled release of product. Wash hands thoroughly after handling this product and before eating, using the washroom or leaving work area. Wash hands thoroughly after handling this

Product Identifier: Self-Seal® GG-266 - Ver. 1

Date of Preparation: June 15, 2017

Date of Last Revision: February 05, 2021

Page 03 of 08

material. See Section 13 (Disposal Considerations) of this safety data sheet.

Conditions for Safe Storage

Store in an area that is: well-ventilated, cool, dry. Store in a closed container. Separate from incompatible materials (see Section 10: Stability and Reactivity).

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
2-Butanone, O,O',O''-(methylsilyldiyl)trioxime	10 ppm	Not established	Not established	Not established	10 ppm	Not established
Silica 2482, hydrophobic	Not established	Not established	10 mg/m ³	Not established	Not established	Not established
Melamine	Not established	Not established	Not established	Not established	10 mg/m ³	Not established
Sulfuric acid, compd. with graphite	3 mg/m ³	Not established	5 mg/m ³	Not established	10 mg/m ³	Not established
Silica, quartz	3 mg/m ³	Not established	5 mg/m ³	Not established	10 mg/m ³	Not established

Appropriate Engineering Controls

Use local exhaust ventilation and enclosure, if necessary, to control amount in the air.

Individual Protection Measures

Eye/Face Protection

Wear chemical safety goggles.

Skin Protection

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

Suitable materials are: neoprene rubber, nitrile rubber, Silver Shield®.

Respiratory Protection

Wear a NIOSH approved air-purifying respirator with an organic vapour cartridge.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Dark red - black viscous paste. Particle Size: Not available
Odour	Fragrant
Odour Threshold	Not available
pH	Not available
Melting Point/Freezing Point	Not available (melting); Not available (freezing)
Boiling Range	Not available
Flash Point	Not available
Evaporation Rate	Not available
Flammability (solid, gas)	Not applicable
Upper/Lower Flammability or Explosive Limit	Not available (upper); Not available (lower)
Vapour Pressure	< 1 kPa
Vapour Density (air = 1)	Not available
Relative Density (water = 1)	1.25 at 25 °C (77 °F)
Solubility	Not available in water; Not available (in other liquids)

Product Identifier: Self-Seal® GG-266 - Ver. 1

Date of Preparation: June 15, 2017

Date of Last Revision: February 05, 2021

Page 04 of 08

Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	Not available (kinematic); Not available (dynamic)
Other Information	
Volatile Organic Content	25 g/L, <3% w/w (CARB Method 310)

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions of use.

Chemical Stability

Normally stable.

Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

Conditions to Avoid

High temperatures. Water, moisture or humidity. Incompatible materials.

Incompatible Materials

Reacts violently with: strong oxidizing agents (e.g. perchloric acid), strong acids (e.g. hydrochloric acid), strong bases (e.g. sodium hydroxide).

Hazardous Decomposition Products

Corrosive, oxidizing nitrogen oxides; very toxic, flammable formaldehyde; very toxic carbon monoxide, carbon dioxide, silicon oxides.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Skin contact; skin absorption; eye contact; ingestion.

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
2-Butanone, O,O',O''-(methylsilylydyne)trioxime		2463 mg/kg (rat)	> 2000 mg/kg (rat)
Silica 2482, hydrophobic	> 2.08 mg/L (rat) (dust)	> 3300 mg/kg (rat)	> 5000 mg/kg (rabbit)
Melamine	3248 mg/m3 (rat)	3161 mg/kg (rat)	> 1000 mg/kg (rabbit)

Skin Corrosion/Irritation

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.

Product Identifier: Self-Seal® GG-266 - Ver. 1
 Date of Preparation: June 15, 2017
 Date of Last Revision: February 05, 2021

STOT (Specific Target Organ Toxicity) - Repeated Exposure

No information was located.

Respiratory and/or Skin Sensitization

Not known to be a respiratory sensitizer. Sensitization may occur following exposure to the liquid or vapour.

Carcinogenicity

Chemical Name	IARC	ACGIH®	NTP	OSHA
2-Butanone, O,O',O''-(methylsilylidyne)trioxime	Not Listed	Not designated	Not Listed	Not Listed
Silica 2482, hydrophobic	Group 3	Not Listed	Not Listed	Not Listed
Melamine	Group 3	Not Listed		
Sulfuric acid, compd. with graphite	Group 1	A2		
Silica, quartz	Group 1	A2		

Key to Abbreviations

IARC = International Agency for Research on Cancer.

Group 3 = Not classifiable as to its carcinogenicity to humans. Group 1 = Carcinogenic to humans.

ACGIH® = American Conference of Governmental Industrial Hygienists.

A2 = Suspected human carcinogen.

Reproductive Toxicity

Development of Offspring

Not known to harm the unborn child.

Sexual Function and Fertility

No information was located.

Effects on or via Lactation

No information was located.

Germ Cell Mutagenicity

Not known to be a mutagen.

Interactive Effects

No information was located.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
2-Butanone, O,O',O''-(methylsilylidyne)trioxime	> 120 mg/L (Oncorhynchus mykiss (rainbow trout); 96-hour; fresh water; static)	> 120 mg/L (Daphnia magna (water flea); 48-hour; fresh water; static)	> 120 mg/L (Pseudokirchneriella subcapitata (algae); 72-hour; fresh water; static)	

Chronic Aquatic Toxicity

Chemical Name	NOEC Fish	EC50 Fish	NOEC Crustacea	EC50 Crustacea
2-Butanone, O,O',O''-(methylsilylidyne)trioxime	>= 100 mg/L (Oncorhynchus mykiss (rainbow trout); 21-day; fresh water; flow-through)		>= 100 mg/L (Daphnia magna (water flea); 21-day; fresh water; semi-static)	

Product Identifier: Self-Seal® GG-266 - Ver. 1

Date of Preparation: June 15, 2017

Date of Last Revision: February 05, 2021

Persistence and Degradability

No information was located.

Bioaccumulative Potential

No information was located.

Mobility in Soil

No information was located.

Other Adverse Effects

There is no information available.

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal Methods**

Dispose of contents and container in accordance with local, regional, national and international regulations. Store product for disposal as described under Storage in Section 7 of this safety data sheet. This product and its container must be disposed of as hazardous waste. Do NOT dump into any sewers, on the ground or into any body of water.

SECTION 14. TRANSPORT 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 International Maritime Organization Instruments

Not applicable

SECTION 15. REGULATORY INFORMATION**Safety, Health and Environmental Regulations****Canada****Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)**

All ingredients are listed on the DSL/NDSL.

USA**Toxic Substances Control Act (TSCA) Section 8(b)**

All ingredients are listed on the TSCA Inventory.

Additional USA Regulatory Lists

California Proposition 65:

Strong inorganic acid mists (not released under normal conditions of use).

SARA Title III - Section 302:

Not applicable.

SARA Title III - Section 311/312: Acute Health Hazard Chronic Health Hazard

SARA Title III - Section 313: The nitric and sulfuric acids encapsulated within the graphite matrix do not pose a hazard during normal use but are subject to the reporting requirements of Section 313 of Title III (40 CFR Part 372): 2.9% nitric acid (CAS# 7697-37-2) and 4.75% sulfuric acid (CAS# 7664-93-9).

Massachusetts Right To Know: New Jersey Right To Know: Pennsylvania Right To Know. (2-Butanone, O,O',O''-(methylsilylidyne)trioxime). (Silica 2482, hydrophobic). (Melamine). (Silica, quartz) Dimethyl siloxane, hydroxy terminated.

SECTION 16. OTHER INFORMATION

NFPA Rating **Health - 2** **Flammability - 1** **Instability - 0**

SDS Prepared By Technical Services Department

Product Identifier: Self-Seal® GG-266 - Ver. 1

Date of Preparation: June 15, 2017

Date of Last Revision: February 05, 2021

Phone No. 519-823-4994
Date of Preparation June 15, 2017
Date of Last Revision February 05, 2021
Revision Indicators Revision 3
References CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS). HSDB® database. US National Library of Medicine. Available from Canadian Centre for Occupational Health and Safety (CCOHS). NIOSH Pocket Guide database. National Institute for Occupational Safety and Health. Available from Canadian Centre for Occupational Health and Safety (CCOHS). Registry of Toxic Effects of Chemical Substances (RTECS®) database. Dassault Systèmes/BIOVIA (“BIOVIA”). Available from Canadian Centre for Occupational Health and Safety (CCOHS).
Disclaimer The information herein is given in good faith, but no warranty, express or implied, is made. Product users should make independent judgements of the suitability of this information to ensure proper use and to protect the health and safety of employees.

Product Identifier: Self-Seal® GG-266 - Ver. 1
Date of Preparation: June 15, 2017
Date of Last Revision: February 05, 2021

Page 08 of 08