



NUFLEX® 110 GUTTER SEAL

SECTION 1. IDENTIFICATION

Product Identifier	NUFLEX® 110 GUTTER SEAL
Other Means of Identification	Butyl Rubber Sealant
Recommended Use	Caulking compound.
Restrictions on Use	None known.
Manufacturer	NUCO Inc., 150 Curtis Dr., Guelph, Ontario, N1K 1N5, Canada, (519) 823-4994, www.sealantcentre.com
Emergency Phone No.	Infotrac 24 Hour Emergency Tel, (800) 535-5053
Date of Preparation	March 27, 2018

SECTION 2. HAZARD IDENTIFICATION

Classification

Skin irritation - Category 2; Eye irritation - Category 2A; Carcinogenicity - Category 2

Label Elements



Signal Word:
Warning

Hazard Statement(s):

Causes skin irritation.
Causes serious 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.
Wash hands and skin thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.

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.

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IF exposed or concerned: Get medical advice or attention.
If skin irritation occurs: Get medical advice or attention.
If eye irritation persists: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.

Storage:
Store locked up.

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

Mixture:

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Calcium carbonate	471-34-1	25.0-50.0		
Stoddard solvent	8052-41-3	10.0-25.0	Mineral Spirits	
Magnesium carbonate	546-93-0	2.5-10.0	Magnesite	
Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	68953-58-2	2.5-10.0	Organoclay	
Kaolin	1332-58-7	<2.5		
Titanium dioxide	13463-67-7	<2.5		
Calcium oxide	1305-78-8	<1.0		
Precipitated silica	112926-00-8	<0.5		
Carbon black	1333-86-4	<0.5		

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Remove source of exposure or move to fresh air. Get medical advice or attention if you feel unwell.

Skin Contact

Take off 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 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. Get medical advice or attention if you feel unwell.

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

Skin, eyes.

Special Instructions

Not applicable.

Medical Conditions Aggravated by Exposure

None known.

SECTION 5. 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

This product presents no unusual hazards in a fire situation.

Very toxic carbon monoxide, carbon dioxide; metal oxides.

Special Protective Equipment and Precautions for Fire-fighters

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

Collect using shovel/scoop or approved HEPA vacuum and place in a suitable container 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

Obtain special instructions before use. Do not breathe in this product. Prevent all skin contact. Do not get in eyes, on skin or on clothing. Only use where there is adequate ventilation.

Conditions for Safe Storage

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

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Stoddard solvent	100 ppm	Not established	500 ppm	Not established	Not established	Not established
Calcium carbonate	Not established	Not established	15 mg/m3	Not established	Not established	Not established
Magnesium carbonate	Not established	Not established	5 mg/m3	15 mg/m3	Not established	Not established
Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	Not established	Not established	Not established	Not established	Not established	Not established
Calcium oxide	2 mg/m3	Not established	5 mg/m3		Not established	Not established
Precipitated silica	Not established	Not established	80 mg/m3	Not established	Not established	Not established
Kaolin	2 mg/m3	Not established	15 mg/m3	Not established	Not established	Not established
Carbon black	3 mg/m3 A3	Not established	3.5 mg/m3	Not established	Not established	Not established
Titanium dioxide	10 mg/m3 A4	Not established	15 mg/m3	Not established	Not established	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

Not usually required when working with small quantities. Concentrated product: wear a NIOSH approved air-purifying respirator with an appropriate cartridge.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**Basic Physical and Chemical Properties**

Appearance	viscous paste.
Odour	Gasoline-like
Odour Threshold	Not available
pH	Not applicable
Melting Point/Freezing Point	Not available (melting); Not available (freezing)
Initial Boiling Point/Range	178 °C
Flash Point	40 °C (closed cup)
Evaporation Rate	Not available
Flammability (solid, gas)	Not available
Upper/Lower Flammability or Explosive Limit	6.0% (upper); 1.1% (lower)
Vapour Pressure	Not available

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Vapour Density (air = 1)	Not available
Relative Density (water = 1)	1.32 at 20 °C (68 °F)
Solubility	Insoluble in water; Not available (in other liquids)
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	230 °C
Decomposition Temperature	Not available
Viscosity	Not available (kinematic); Not available (dynamic)
Other Information	
Volatile Organic Content	240 g/L

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

Open flames, sparks, static discharge, heat and other ignition sources.

Incompatible Materials

Reacts violently with: strong oxidizing agents (e.g. perchloric acid).

Not corrosive to metals.

Hazardous Decomposition Products

Very toxic carbon monoxide, carbon dioxide; very toxic, flammable formaldehyde; hydrocarbons; calcium oxides; metal oxides.

SECTION 11. TOXICOLOGICAL INFORMATION

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

Likely Routes of Exposure

Inhalation.

Skin contact.

Skin absorption.

Eye contact.

Ingestion.

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Stoddard solvent	> 5500 mg/m ³ (rat) (4-hour exposure)	> 5000 mg/kg (rat)	> 3000 mg/kg (rabbit)
Calcium carbonate		> 6450 mg/kg (rat)	
Magnesium carbonate		8000 mg/kg (rat)	
Calcium oxide		> 2000 mg/kg (rat)	> 2500 mg/kg (rabbit)
Precipitated silica	> 8800 mg/m ³ (4-hour exposure)	> 5620 mg/kg (rat)	> 2000 mg/kg (rabbit)
Carbon black	6750 mg/L (rat) (4-hour exposure)		

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Titanium dioxide	> 6820 mg/kg (rat) (4-hour exposure)	> 25000 mg/kg (rat)	> 10000 mg/kg (rabbit)
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Skin Corrosion/Irritation

May cause 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

May be harmful based on information for closely related materials.

Skin Absorption

May be harmful based on information for closely related materials.

Ingestion

Harmful based on information for closely related materials.

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
Stoddard solvent	Group 3	Not designated	Not Listed	Not Listed
Calcium carbonate	Not Listed	Not designated	Not Listed	Not Listed
Magnesium carbonate	Not Listed	Not designated	Not Listed	Not Listed
Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	Not Listed	Not designated	Not Listed	Not Listed
Calcium oxide	Not Listed	Not designated	Not Listed	Not Listed
Precipitated silica	Group 3	Not designated	Not Listed	Not Listed
Kaolin	Not Listed	A4	Not Listed	Not Listed
Carbon black	Group 2B	A3	Not Listed	Not Listed
Titanium dioxide	Group 2B	A4	Not Listed	Not Listed

IARC:

Group 2B – Possibly carcinogenic to humans.

Group 3 – Not classifiable as to its carcinogenicity to humans.

ACGIH®: A3 – Confirmed animal carcinogen.

A4 – Not classifiable as a human carcinogen.

Reproductive Toxicity

Development of Offspring

No information was located.

Sexual Function and Fertility

No information was located.

Effects on or via Lactation

No information was located.

Germ Cell Mutagenicity

No information was located.

Interactive Effects

No information was located.

SECTION 12. ECOLOGICAL INFORMATION

Environmental information was not located.

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. 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.

Special Precautions Not applicable

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

Not applicable

SECTION 15. REGULATORY INFORMATION**Safety, Health and Environmental Regulations**

None known.

Canada**Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)**

All ingredients are listed on the DSL or are not required to be listed.

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

All ingredients are listed on the TSCA Inventory.

Additional USA Regulatory Lists

California Proposition 65:

Not applicable.

Massachusetts, New Jersey, and Pennsylvania Right To Know:

Not applicable.

SARA Title III - Section 302:

Not applicable.

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SARA Title III - Section 311/312:
Not applicable.

SARA Title III - Section 313:
Not applicable.

SECTION 16. OTHER INFORMATION

NFPA Rating	Health - 2 Flammability - 2 Instability - 0
SDS Prepared By	Technical Services Department
Phone No.	519-823-4994
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Revision Indicators	Revision 2
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).
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