
SAFETY DATA SHEET

SECTION 1 – IDENTIFICATION:

Product name: NUFLEX® 110 GUTTER SEAL, BUTYL RUBBER SEALANT
Recommended use: Caulking compound
Restrictions on use: No further information available
Manufacturer: NUCO INC.
150 Curtis Drive
Guelph, Ontario N1K 1N5
Tel: (519)-823-4994
Fax: (519)-823-1099

Emergency telephone: Infotrac 24 Hour Emergency Tel: (800)-535-5053

SECTION 2 – HAZARDS IDENTIFICATION:

GHS Classification:

Eye irritation	–	Category 2A
Skin irritation	–	Category 2
Carcinogenicity	–	Category 2

GHS Label elements:

Hazard symbols:



Signal word: Warning

Hazard statements:

- Causes skin irritation
- Causes serious eye irritation
- Suspected of causing cancer

Precautionary statements:

Prevention:

- Obtain special instructions before use
- Do not handle until all safety precautions have been read and understood.
- Wash hands and other skin areas thoroughly after handling
- Wear protective gloves/protective clothing/eye protection/face protection.

Response :

- If on skin: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.
- 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/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 applicable local, regional, national and international regulations.

Other hazards: None known

Supplemental information: It is highly unlikely the powders and pigments compounded within this product would pose a hazardous risk from inhalation as they are no longer a respirable particulate. Exposure to these ingredients as used in sealants is highly unlikely.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS:

Substance/Mixture: Mixture

Chemical Name	CAS No.	Concentration (%)
Calcium Carbonate	471-34-1	25.0 – 50.0
Stoddard Solvent (Mineral Spirits)	8052-41-3	10.0 – 25.0
Magnesite	546-93-0	2.5 – 10.0
Organoclay (containing 0-3% quartz CAS# 14808-60-7)	68953-58-2	2.5 – 10.0
Calcium Oxide	1305-78-8	<1.0
Precipitated Silica (Silica-Amorphous)	112926-00-8	<0.5
Ethylbenzene	100-41-4	<0.03
Kaolin	1332-58-7	<2.5
<u>Pigmented sealants may contain:</u>		
Carbon Black	1333-86-4	<0.5
Limestone	1317-65-3	2.5 – 10.0
Titanium Dioxide	13463-67-7	<2.5

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to the health or the environment and hence require reporting in this section.

SECTION 4 - FIRST AID MEASURES:

Eye contact:	Flush with copious quantities of lukewarm water for at least 15 minutes. Do not attempt to physically remove the solids or gums from the eye. Seek medical attention immediately if irritation persists.
Skin contact:	Remove contaminated clothing. Wash thoroughly with warm water and non-abrasive soap. Seek medical attention if you feel ill or a reaction develops.
Inhalation:	Remove to fresh air and provide water. Seek medical attention if you feel ill or a reaction develops.
Ingestion:	Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.
Most important symptoms/effects, acute and delayed:	No further relevant information available.
Indication of immediate medical attention and special treatment needed:	No further relevant information available. Provide general supportive measures and treat symptomatically.

SECTION 5 - FIRE FIGHTING MEASURES:

Suitable extinguishing media:	Carbon dioxide, dry chemical, water fog or foam. Fight larger fires with water spray.
Unsuitable extinguishing media:	None known.
Specific hazards arising from the chemical:	No further relevant information available.
Special protective equipment and precautions for fire fighters:	Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan.

SECTION 6 – ACCIDENTAL RELEASE MEASURES:**Personal precautions, protective equipment and emergency procedures:**

Follow safe handling advice and personal protective equipment recommendations in Section 8.

Environment precautions:

Discharged into the environment must be avoided. Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up:

Restrict access to the area of the spill. Provide ventilation, NIOSH/MHSA approved respirator and protective clothing. Scrape up sealant and place in container for disposal. Cleaning may require steam, solvents or detergents. Dispose of saturated absorbant or cleaning materials appropriately, since spontaneous heating may occur. Local, state, provincial, federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup.

SECTION 7 – HANDLING AND STORAGE:**Precautions for safe handling:**

Handle in accordance with good industrial hygiene and safety practice. Take care to prevent spills, waste and minimize release to the environment.

Conditions for safe storage, including any incompatibilities:

Store in an adequately ventilated area under dry conditions between 50°F (10°C) to 77°F (25°C) and keep container tightly sealed when not in use. Use only in well ventilated area. Keep away from open flames and high temperatures.

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION:**Control Parameters:****Ingredient name****Exposure limits**

Calcium Carbonate
(CAS# 471-34-1)

PEL:
Long-term value: 15 mg/m³ , total dust
Long-term value: 5 mg/m³ , respirable fraction
REL:
Long-term value: 10 mg/m³ , total dust
Long-term value: 5 mg/m³ , respirable fraction
TLV:
TLV withdrawn

Stoddard Solvent (Mineral Spirits)
(CAS# 8052-41-3)

PEL:
Long-term value: 2,900 mg/m³ , 500 ppm
REL:
Long-term value: 350 ppm
Ceiling limit value: 1,800 mg/m³ 15 minutes
TLV:
Long-term value: 525 mg/m³ , 100 ppm

Magnesite
(CAS# 546-93-0)

PEL:
Long-term value: 15 mg/m³ , total dust
Long-term value: 5 mg/m³ , respirable fraction
REL:
Long-term value: 10 mg/m³ , total dust
Long-term value: 5 mg/m³ , respirable fraction
TLV:
TLV withdrawn

Kaolin
(CAS# 1332-58-7)

PEL:
Long-term value: 15 mg/m³ , total dust
Long-term value: 5 mg/m³ , respirable fraction

	<p>REL: Long-term value: 10 mg/m³ , total dust Long-term value: 5 mg/m³ , respirable fraction TLV: Long-term value: 2 mg/m³ , respirable fraction</p>
Calcium Oxide (CAS# 1305-78-8)	<p>PEL: Long-term value: 5 mg/m³ REL: Long-term value: 2 mg/m³ TLV: Long-term value: 2 mg/m³</p>
Quartz (SiO ₂) (CAS# 14808-60-7)	<p>PEL: See Quartz listing REL: Long-term value: 0.05 mg/m³, respirable dust (See Pocket Guide App. A) TLV: Long-term value: 0.025 mg/m³ , respirable fraction</p>
Precipitated Silica (Silica-Amorphous) (CAS# 112926-00-8)	<p>PEL: 20 mppcf or 80 mg/m³/%SiO₂ REL: Long-term value: 6 mg/m³ (See Pocket Guide App.C) TLV: TLV withdrawn</p>
Ethylbenzene (CAS# 100-41-4)	<p>PEL: Long-term value: 435 mg/m³, 100 ppm REL: Short-term value: 545 mg/m³, 125 ppm Long-term value: 435 mg/m³, 100 ppm TLV: Long-term value: 87 mg/m³ , 20 ppm</p>
Carbon Black (CAS# 1333-86-4)	<p>PEL: Long-term value: 3.5 mg/m³ REL: Long-term value: 3.5 mg/m³ (0.1 in presence of PAHs; See Pocket Guide App. A+C) TLV: Long-term value: 3 mg/m³ , inhalble fraction</p>
Titanium Dioxide (CAS# 13463-67-7)	<p>PEL: Long-term value: 15 mg/m³ , total dust REL: See Pocket Guide App. A TLV: Long-term value: 10 mg/m³ , withdrawn from NIC</p>

Engineering controls:

Wear an organic vapor NIOSH / MSHA approved respirator. Ensure adequate ventilation, especially in confined areas. Minimize workplace exposure concentrations. In indoor applications, passive ventilation (opening of doors and windows) is recommended. Local exhaust as necessary to keep exposure levels within guidelines.

Personal protective equipment:

Safety glasses with side-protection, impermeable gloves (e.g., neoprene, nitrile, silver shield (R)), coveralls or apron are important in preventing contamination of eyes, skin and clothing. Wash thoroughly after handling.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES:

Appearance:	Paste, various colors
Odor:	Hydrocarbon-like odor
Odor threshold:	Not determined
pH (ASTM D1293):	Not applicable

Melting point/Freezing point:	Not determined
Initial boiling point and boiling range:	352°F (178°C)
Flash point:	Closed cup 104°F (40°C)
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Upper flammable limit:	6.0% by volume
Lower flammable limit:	1.1% by volume
Vapor pressure:	Not applicable
Vapor density:	Not applicable
Specific gravity:	1.32 @ 68°F (20°C)
Solubility:	Insoluble in water
Partition coefficient: n-octanol/water:	Not determined
Ignition temperature:	446°F (230°C)
Decomposition temperature:	Not determined
Viscosity:	Not applicable
Solvent content:	20%
Solids content:	80%
Volatile Organic Content:	240 grams per liter

SECTION 10 – STABILITY AND REACTIVITY:

Reactivity:	Not classified as a reactivity hazard.
Chemical stability:	Stable under normal conditions.
Possibility of hazardous reactions:	No dangerous reactions known.
Conditions to avoid:	Heat, flames, sparks.
Incompatible materials:	Reacts with strong oxidizing agents.
Hazardous decomposition products:	No dangerous decomposition products known.

SECTION 11 - TOXICOLOGICAL INFORMATION:

Information on the likely routes of exposure:

Inhalation:	Prolonged inhalation may be harmful.
Ingestion:	May be harmful if swallowed.
Skin contact:	May irritate the skin.
Eye contact:	May irritate the eyes.
Symptoms related to the physical, chemical and toxicological characteristics:	No further relevant information available.
Acute toxicity:	No further relevant information available.
Skin corrosion/irritation:	May cause skin irritation.
Serious eye damage/irritation:	May cause eye irritation.
Aspiration hazard:	No data available.
Specific target organ toxicity – single exposure:	No data available.
Specific target organ toxicity – repeated exposure:	No data available.
Respiratory or skin sensitization:	No known applicable information.
Carcinogenicity:	Due to the form of this product, exposure to the potentially carcinogenic components is not expected.

Ingredient name	IARC	OSHA	NTP
Precipitate Silica (Silica-Amorphous)	3	Not listed	Not listed
Carbon Black	2B	Not listed	Not listed
Titanium Dioxide	2B	Not listed	Not listed

Quartz (SiO ₂)	1	Not listed	K
Ethylbenzene	2B	Not listed	Not listed

Reproductive toxicity: No data available.
Teratogenicity: No data available.
Germ cell mutagenicity: No data available.

SECTION 12 – ECOLOGICAL INFORMATION:

Ecotoxicity: No data available.
Persistence and degradability: No data available.
Bioaccumulative potential: No data available.
Mobility in soil: No data available.
Other adverse effects: No data available.

SECTION 13 – DISPOSAL CONSIDERATIONS:

Disposal instructions: Do not allow this material to drain into sewers/water supplies. Dispose in accordance with Federal, State / Provincial and local regulations.
Waste from residues: Dispose of in accordance with local regulations.
Contaminated packaging: Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14 - TRANSPORT INFORMATION:

Shipping information:

UN Number DOT, ADR, ADN, IMDG, IATA	Not regulated
UN Proper Shipping Name DOT, ADR, ADN, IMDG, IATA	Not regulated
Transport Hazard Class(es) DOT, ADR, ADN, IMDG, IATA	Not regulated
Packing Group DOT, ADR, IMDG, IATA	Not regulated
Environmental Hazards	Not applicable
Special precaution for users	Not applicable
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code	Not applicable
Transport/Additional information	This product is not classified as a Division 4.1 Flammable Solids according to UN Test N.1 Test Method for Readily Combustible Solids.

SECTION 15 - REGULATORY INFORMATION:

SARA TITLE III Chemical Listings:

Section 302 Extremely Hazardous Substances (40 CFR 355): None of the ingredients is listed.
Section 304 CERCLA Hazardous Substances (40 CFR 302): None of the ingredients is listed.

Section 313 Toxic Chemicals (40 CFR 372):

Ethylbenzene (CAS# 100-41-4)

California Proposition 65: This product contains trace amount of substances known to the State of California to cause cancer or other reproductive harm:

Carbon Black (CAS# 1333-86-4)
Titanium Dioxide (CAS# 13463-67-7)
Ethylbenzene (CAS# 100-41-4)

The ingredients of this product are reported in the following inventories:

TSCA: All chemical substances in this product are included on or exempted from listing on the TSCA inventory of Chemical Substances.

DSL: All chemical substances in this product comply with the CEPA 1999 and NSNR and are on or exempted from listing on the Canadian Domestic Substances List (DSL).

NFPA Profile: Health 2, Flammability 2, Reactivity 0

SECTION 16 - OTHER INFORMATION:

Prepared by: Technical Services Department
Revision date: January 28, 2016

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.

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