

# SAFETY DATA SHEET

## SECTION 1 – IDENTIFICATION:

**Product name:** SELF SEAL<sup>®</sup> MW-300 MINERAL WOOL INSULATION  
**Recommended use:** Firestop Packing Material  
**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:** Skin irritation – Category 2  
Eye irritation – Category 2B

### GHS Label elements:

#### Hazard symbols:



#### Signal word:

Warning

**Hazard statements:** H315 Causes skin irritation  
H319 Causes eye irritation

#### Precautionary statements:

**Prevention:** P264 Wash hands and other skin areas thoroughly after handling  
P280 Wear protective gloves/protective clothing/eye protection/face protection.

**Response :** P302+P352+P333+P313 If on skin: wash with plenty of soap and water. If skin irritation or rash occurs, get medical attention.  
P305+P351+P338 If in eyes: rinse with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
P321 Specific treatment: Seek immediate medical advice. Refer to product label and Section 4 of this SDS.  
P337+P313 If eye irritation persists: Get medical advice/attention.  
P362 Take off contaminated clothing and wash it before reuse.

**Storage:** Not applicable

**Disposal:** Not applicable

**Other hazards:** None known

**Supplemental information:** No further information available

## SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS:

Chemical Name	CAS No.	Concentration (%)
Man Made Vitreous Fiber (MMVF)	Not available	95.0
Urea Extended Phenol Formaldehyde Resin-Cured	25104-55-6	2.0 – 5.0
Lubricating Oil	8012-95-1	<2.0

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 and the environment and hence require reporting in this section.

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**SECTION 4 - FIRST AID MEASURES:**

<b>Eye contact:</b>	Do not rub eyes. Flush with copious quantities of lukewarm water. Seek medical attention if irritation persists.
<b>Skin contact:</b>	Remove contaminated clothing. Wash thoroughly with warm water and non-abrasive soap. Seek medical attention if you feel ill or a reaction develops.
<b>Inhalation:</b>	Remove to fresh air and provide water.
<b>Ingestion:</b>	Unlikely, contact physician if it occurs.
<b>Most important symptoms/effects, acute and delayed:</b>	None known.
<b>Indication of immediate medical attention and special treatment needed:</b>	Provide general supportive measures and treat symptomatically.

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**SECTION 5 - FIRE FIGHTING MEASURES:**

<b>Suitable extinguishing media:</b>	Carbon dioxide, dry chemical, water fog or foam for surrounding fire conditions.
<b>Unsuitable extinguishing media:</b>	None known.
<b>Specific hazards arising from the chemical:</b>	The organic binder will emit toxic fumes and smoke when oxidized. Ventilation is recommended on initial equipment start-up. Hydrocarbon particles, carbon-hydrogen-nitrogen and nitrogen oxide compounds. Exposure to combustion products may be hazard to health.
<b>Special protective equipment and precautions for fire fighters:</b>	Self-contained breathing apparatus and protective clothing should be worn in fighting large fires. Determine the need to evacuate or isolate the area according to your local emergency plan.

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**SECTION 6 – ACCIDENTAL RELEASE MEASURES:**

<b>Personal precautions, protective equipment and emergency procedures:</b>	Follow safe handling advice and personal protective equipment recommendation in Section 8.
<b>Environment precautions:</b>	Discharged into the environment must be avoided. Retain and dispose of contaminated wash water.
<b>Methods and materials for containment and cleaning up:</b>	Avoid unnecessary handling of scrap materials by keeping waste disposal equipment as close to working areas as possible. Do not let scrap material and debris pile up on floors and other surfaces. 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.

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**SECTION 7 – HANDLING AND STORAGE:**

<b>Precautions for safe handling:</b>	Handle in accordance with good industrial hygiene and safety practice.
<b>Conditions for safe storage, including any incompatibilities:</b>	Store in an adequately ventilated area under dry conditions and keep container bag tightly sealed when not in use.

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**SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION:****Control Parameters:**

Man Made Vitreous Fiber (MMVF) (CAS# Not available):  
OSHA PEL: Total: 15 mg/m<sup>3</sup>; Respirable: 1 fiber/cc, 5 mg/m<sup>3</sup>  
ACGIH TLV: Total: 10 mg/m<sup>3</sup>; Respirable: 1 fiber/cc, 3 mg/m<sup>3</sup>  
NIOSH REL: 3 fibers/cc  
NAIMA REL: 1 fiber/cc

Urea Extended Phenol Formaldehyde Resin-Cured (CAS# 25104-55-6):

OSHA PEL: Not available

ACGIH TLV: Not available

Lubricating Oil (CAS# 8012-95-1):

OSHA PEL: 5 mg/m<sup>3</sup>

ACGIH TLV: 5 mg/m<sup>3</sup>

**Engineering controls:**

Wear an NIOSH / MSHA approved dust respirator.

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.

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**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES:**

<b>Appearance:</b>	Solid, grayish in color
<b>Odor:</b>	Odorless
<b>Odor threshold:</b>	Not available
<b>pH (ASTM D1293):</b>	Not available
<b>Melting point:</b>	95%: 2000°F (1093°C); <5%: 300°F (150°C)
<b>Freezing point:</b>	Not applicable
<b>Initial boiling point and boiling range:</b>	Not applicable.
<b>Flash point:</b>	Not applicable.
<b>Evaporation rate:</b>	Not applicable
<b>Flammability (solid, gas):</b>	Non-combustible but packaging may burn.
<b>Upper flammability or explosion limit:</b>	Not available
<b>Lower flammability or explosion limit:</b>	Not available
<b>Vapor pressure:</b>	Not available
<b>Vapor density:</b>	Not available
<b>Specific gravity:</b>	Nominal 4.5 lbs/ft <sup>3</sup> (72 kg/m <sup>3</sup> )
<b>Solubility:</b>	Not available
<b>Partition coefficient: n-octanol/water:</b>	Not available
<b>Auto-ignition temperature:</b>	Not available
<b>Decomposition temperature:</b>	Not available
<b>Viscosity:</b>	Not available
<b>Volatile Organic Content:</b>	Not applicable

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**SECTION 10 – STABILITY AND REACTIVITY:**

<b>Reactivity:</b>	Not classified as a reactivity hazard.
<b>Chemical stability:</b>	Stable.
<b>Possibility of hazardous reactions:</b>	Will not occur.
<b>Conditions to avoid:</b>	Incompatible materials.
<b>Incompatible materials:</b>	Hydrofluoric acid.
<b>Hazardous decomposition products:</b>	The organic binder will emit toxic fumes and smokes when oxidized and ventilation is recommended on initial equipment start-up. Hydrocarbon particles, trace amounts of formaldehyde carbon-hydrogen-nitrogen and nitrogen oxide compounds.

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**SECTION 11 - TOXICOLOGICAL INFORMATION:**

**Information on the likely routes of exposure:**

<b>Inhalation:</b>	Not applicable
<b>Ingestion:</b>	Not applicable
<b>Skin contact:</b>	Causes skin irritation.
<b>Eye contact:</b>	Causes eye irritation.

**Symptoms related to the physical, chemical and toxicological characteristics:**

None known.

**Acute toxicity:**

No data available.

**Skin corrosion/irritation:**

Causes skin irritation.

**Serious eye damage/irritation:**

Causes eye irritation.

**Aspiration hazard:**

Not classified based on available information.

**Specific target organ toxicity - single exposure:**

Not classified based on available information.

**Specific target organ toxicity – repeated exposure:**

Not classified based on available information.

**Respiratory or skin sensitization:**

No known applicable information.

**Carcinogenicity:**

IARC Group 3 – Not Classifiable as a Human Carcinogen (“inadequate evidence overall for any cancer risk”).  
ACGIH Group A3 – Confirmed Animal Carcinogen with Unknown Relevance to Humans.

**Reproductive toxicity:**

No known applicable information.

**Teratogenicity:**

No known applicable information.

**Germ-cell mutagenicity:**

No known applicable information.

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**SECTION 12 – ECOLOGICAL INFORMATION:**

**Ecotoxicity:**

Complete information is not yet available.

**Persistence and degradability:**

Complete information is not yet available.

**Bioaccumulative potential:**

Complete information is not yet available.

**Mobility in soil:**

Complete information is not yet available.

**Other adverse effects:**

Complete information is not yet available.

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**SECTION 13 – DISPOSAL CONSIDERATIONS:**

**Waste disposal:**

Dispose in accordance with Federal, State / Provincial and local regulations.

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**SECTION 14 - TRANSPORT INFORMATION:**

**Shipping information:**

Not subject to DOT, TDG, IMDG Code or IATA Regulations.

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**SECTION 15 - REGULATORY INFORMATION:**

**SARA 304 Extremely Hazardous Substances Reportable Quantity:**

Includes mineral fiber emissions from facilities manufacturing or processing glass rock or slag fibers (or other mineral derived fibers) of average diameter 1 micrometer or less; Statutory RQ = 1 lb (454 grams); no final RQ is being assigned to the generic or broad class (related to fine mineral fibers).

**SARA 311/312 Hazards:** Acute Health Hazard.

**SARA 302:** No chemicals in this product are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313:** No chemicals in this product are subject to the reporting requirements of SARA Title III, Section 313.

**Clean Air Act (CAA):**

Mineral wool fiber is listed as Hazardous Air Pollutants (HAPs) designated in CAA Section 112(b).

**Other U.S. State Inventories:** None known.

**California Proposition 65:** No known applicable information.

**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 1, Flammability 0, Reactivity 0

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**SECTION 16 - OTHER INFORMATION:**

**Prepared by:** Technical Services Department

**Revision date:** May 1, 2015

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.

Form: SDS SELF SEAL MW-300 Rev.: 10 Date: 05/15