
MATERIAL SAFETY DATA SHEET

COSHH REGULATION

SECTION 01 – IDENTIFICATION OF SUBSTANCE:

Chemical Name: **SELF SEAL[®] MW-300 MINERAL WOOL INSULATION**
Manufacturer: **NUCO INC.**
150 Curtis Drive
Guelph, Ontario N1K 1N5
Tel: 001-519-823-4994
Fax: 001-519-823-1099
Date: February 28, 2006
Prepared by: Technical Services Department
Product Use: Firestop Packing Material

SECTION 02 – COMPOSITION / DATA ON COMPONENTS:

<u>Ingredients</u>	<u>CAS No.</u>	<u>%</u>	<u>COSHH</u>	<u>ACGIH-TLV</u>
Man Made Vitreous Fiber (MMVF)	Not available	95.0	Schedule 1: MEL of 5 mg/m ³ dust, 8 hour TWA	Total: 10 mg/m ³ Respirable: 1 fiber/cc <u>NAIMA-REL</u> 1 fiber/cc
Urea extended phenol formaldehyde resin-cured	25104-55-6	2.0 – 5.0	Not available	Not available
Lubricating Oil	8012-95-1	<2.0	Not available	5 mg/m ³

SECTION 03 – HAZARDS IDENTIFICATION:

ROUTES OF ENTRY INTO THE BODY (ACUTE EFFECTS):

Eyes: Direct contact will cause irritation.
Skin: May cause moderate irritation.
Inhalation: Irritates respiratory passages.
Ingestion: Low ingestion hazard.

SECTION 04 - FIRST AID MEASURES:

Eyes: Do not rub eyes. Flush with copious quantities of lukewarm water. Seek medical attention if irritation persists.
Skin: Remove contaminated clothing. Wash thoroughly with warm water and non-abrasive soap.
Inhalation: Remove to fresh air and provide water.
Ingestion: Unlikely, contact physician if it occurs.

SECTION 05 - FIRE FIGHTING MEASURES:

Flammable Conditions: The mineral wool is non-combustible.
Extinguishing Media: Carbon dioxide, dry chemical, water fog or foam for surrounding fire conditions.
Fire Fighting Measures: Self-contained breathing apparatus and protective clothing should be worn in fighting large fires. Determine the need to evacuate or isolate the area
Hazardous Decomposition Products: The organic binder will emit toxic fumes and smoke when oxidized and ventilation is recommended on initial equipment start-up. Hydrocarbon particles, carbon-hydrogen-nitrogen and nitrogen oxide compounds.

SECTION 06 – ACCIDENTAL RELEASE MEASURES:

Containment / Clean Up: 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 regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup.

SECTION 07 – HANDLING AND STORAGE:

Handling and Storage: Store in an adequately ventilated area under dry conditions and keep container bag tightly sealed when not in use.

SECTION 08 – EXPOSURE CONTROL / PERSONAL PROTECTION:

Component Exposure Limits: See SECTION 02 for limits.
Respiratory: Wear an approved dust mask complying with EN149 FFP1 or FFP2.
Ventilation: 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 09 - PHYSICAL AND CHEMICAL PROPERTIES:

Physical State: Solid
Odor and Appearance: Odorless, grayish in color
Odor Threshold: Not available
Specific Gravity: Approximately 72 kg/m³
Melting Point: 95% - 2000°F (1093°C); <5% - 300°F (150°C)

SECTION 10 – STABILITY AND REACTIVITY:

Chemical Stability: Stable
Incompatible Materials: Hydrofluoric acid.
Reactive Conditions: Incompatible materials.
Hazardous Polymerization: Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION:

Effects of overexposure: Mechanical irritant to skin, eyes, and upper respiratory system.
Sensitization: Not known
Carcinogenicity: Not classified as a carcinogen under the EU Dangerous Substances Directive 67/548/EEC and Directive 97/69/EC. 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: Not known
Teratogenicity: Not known
Mutagenicity: Not known
Synergistic Products: Not known

SECTION 12 – ECOLOGICAL INFORMATION:

General: Complete information is not yet available.

SECTION 13 – DISPOSAL CONSIDERATIONS:

Waste Disposal: Dispose in accordance with local regulations.

SECTION 14 - TRANSPORT INFORMATION:

Shipping Information: Not subject to IMDG Code or IATA Regulations.

SECTION 15 - REGULATORY INFORMATION:

Risk Phrases: R 38 – Irritating to eyes and skin.
COSHH Regulations: Schedule 1: MEL of 5 mg/m³ dust, 8 hour TWA (gravimetric) applies to all mineral wool dust.

SECTION 16 - OTHER INFORMATION:

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: COSHHMW300 Rev.: 0 Date: 02/06