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# MATERIAL SAFETY DATA SHEET

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## SECTION 01 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION:

Chemical Name: **NUFLEX<sup>®</sup> 136 DRAFT STOP CAULK**  
Manufacturer: **NUCO INC.**  
150 Curtis Drive  
Guelph, Ontario N1K 1N5  
Tel: (519)-823-4994  
Fax: (519)-823-1099  
Infotrac 24 Hour Emergency Tel: (800)-535-5053  
Date: May 1, 2011  
Prepared by: Technical Services Department  
WHMIS Classification: D2A, D2B  
Product Use: Noncombustible Caulk for Fireblocking

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## SECTION 02 – COMPOSITION / INFORMATION ON INGREDIENTS:

<u>Ingredients</u>	<u>CAS No.</u>	<u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Amorphous Silica	7631-86-9	0 – 0.05	20 mppcf	10 mg/m <sup>3</sup>
Silica, Quartz	14808-60-7	1.0 – 5.0	0.1 mg/m <sup>3</sup>	0.05 mg/m <sup>3</sup>
Mica	12001-26-2	15.0 – 40.0	20 mppcf	3 mg/m <sup>3</sup>
Sodium Silicate	1344-09-8	40.0 – 70.0	n/a	5 mg/m <sup>3</sup>
Sodium Hydroxide	1310-73-2	1.0 – 5.0	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>

The ingredients listed above are controlled products as defined in CPR, am. SOR/88-555 or 29 CFR 1910.1200

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## SECTION 03 – HAZARDS IDENTIFICATION:

### ROUTES OF ENTRY INTO THE BODY (ACUTE EFFECTS):

Eyes: Direct contact may cause severe irritation. Symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea, and impaired vision.

Skin: May cause severe irritation. Symptoms may include localized redness, swelling, itching, dryness, cracking, blistering and pain.

Inhalation: Upper respiratory tract irritation. Symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Ingestion: Gastrointestinal irritation. Symptoms may include abdominal pain, nausea, diarrhea and vomiting.

### WHMIS HAZARD SYMBOL(S):



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## SECTION 04 - FIRST AID MEASURES:

Eyes: Flush with copious quantities of lukewarm water. Do not attempt to physically remove the solids from the eye. Seek medical attention immediately.

Skin: 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. Provide water and get immediate medical attention.

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## SECTION 05 - FIRE FIGHTING MEASURES:

Flammable Conditions: Not applicable  
Extinguishing Media: Not applicable

Fire Fighting Measures:	Not applicable
Flash Point:	Not applicable
Flammability Limits:	Lower Explosion Limit - not applicable Upper Explosion Limit - not applicable
Autoignition Temperature:	Not applicable
Hazardous Decomposition Products:	Not applicable
Sensitivity - Impact:	None
Static:	None

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**SECTION 06 – ACCIDENTAL RELEASE MEASURES:**

Containment / Clean Up: Restrict access to the area of the spill. Provide ventilation and protective clothing. Scrape up caulk and place in container for disposal. 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 07 – HANDLING AND STORAGE:**

Handling and Storage: 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.

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**SECTION 08 – EXPOSURE CONTROL / PERSONAL PROTECTION:**

Component Exposure Limits: See Section 2.  
 Respiratory: Respiratory protection to be provided.  
 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.

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**SECTION 09 - PHYSICAL AND CHEMICAL PROPERTIES:**

Physical State: Thick Paste  
 Odor and Appearance: Low odor, red gunnable paste  
 Odor Threshold: Not available  
 Specific Gravity: 1.91  
 Vapor Pressure: Not available  
 Vapor Density: Not available  
 Evaporation Rate: Not available  
 Boiling Point: 100°C (212°F) due to water component  
 Freezing Point: Not available  
 pH: Not available  
 Coeff. Oil/Water Distribution: Not available

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**SECTION 10 – STABILITY AND REACTIVITY:**

Chemical Stability: Stable  
 Incompatible Materials: Not available  
 Reactive Conditions: Not available  
 Hazardous Polymerization: Will not occur

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**SECTION 11 - TOXICOLOGICAL INFORMATION:**

Effects of overexposure: Acute hazards are to eyes and skin if contacted. Prolonged or repeated overexposure may cause effects to the lungs such as difficulty in breathing, cough, wheezing, weakness, increased heart rate, bluish colored skin, sputum production and changes in lung function. The mica and silica in this product are totally encapsulated and thus present no inhalation danger to the user.  
 Sensitization: No known applicable information.  
 Carcinogenicity: Respirable quartz silica from occupational sources is listed by IARC as a human carcinogen.  
 Reproductive Toxicity: No known applicable information.  
 Teratogenicity: No known applicable information.

Mutagenicity: No known applicable information.  
Synergistic Products: No known applicable information.

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**SECTION 12 – ECOLOGICAL INFORMATION:**

Air: Complete information is not yet available.  
Water: Complete information is not yet available.  
Soil: 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:**

TSCA Inventory Status: Chemical components listed on TSCA inventory except as exempted.  
NFPA Profile: Health 2, Flammability 0, Reactivity 0  
SARA TITLE III Chemical Listings: **Section 302 Extremely Hazardous Substances:** None  
**Section 304 CERCLA Hazardous Substances:** This product contains the following toxic chemicals which are subject to reporting: 1% by weight Caustic Soda (CAS# 01310-73-3).  
**Section 312 Hazard Class:** Acute: Yes; Chronic: No; Fire: No; Pressure: No; Reactive: No  
**Section 313 Toxic Chemicals:** This product contains the following toxic chemicals which are subject to reporting: 1% by weight Caustic Soda (CAS# 01310-73-3).  
State Substance List: This product contains a listed substance(s) that appears on one or more of the Substance Lists for Pennsylvania, Massachusetts and New Jersey: sodium hydroxide (CAS# 01310-73-2); sodium silicate (CAS# 01344-09-8); mica (CAS# 12001-26-2); silica, quartz (CAS# 14808-60-7) and silica, amorphous (CAS# 07631-86-9).  
California Proposition 65 List: No known applicable information.  
Volatile Organic Content: None  
WHMIS Classification: D2A, D2B  
Domestic Substance List: Chemical components listed on DSL except as exempted.

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**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: MSDSNUFLEX136DRAFTSTOPCAULK Rev.: 2 Date: 05/11