
MATERIAL SAFETY DATA SHEET

SECTION 01 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION:

Chemical Name: **NUFLEX® 180 PAINTER'S ULTRA SILICONIZED ACRYLIC LATEX CAULK - CLEAR**

Manufacturer: **NUCO INC.**
150 Curtis Drive
Guelph, Ontario N1K 1N5
Tel: (519)-823-4994
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Infotrac 24 Hour Emergency Tel: (800)-535-5053

Date: July 1, 2008

Prepared by: Technical Services Department

WHMIS Classification: D2B

Product Use: Caulking compound

SECTION 02 – COMPOSITION / INFORMATION ON INGREDIENTS:

<u>Ingredients</u>	<u>CAS No.</u>	<u>%</u>	<u>LD50(Oral-Rat)</u>	<u>LC50(Inhalation-Rat)</u>
Acrylic Emulsion (mixture)	n/a	60.0 – 100.0	Not Available	Not Available
Acrylic Thickener (mixture)	n/a	1.0 – 5.0	Not Available	Not Available
Mineral Spirits	64742-88-7	1.0 – 5.0	>8.0 ml/kg	>1,400 ppm (4 hr)
Ammonium Hydroxide	7664-41-7	0.1 – 1.0	Not Available	Not Available

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

SECTION 03 – HAZARDS IDENTIFICATION:

ROUTES OF ENTRY INTO THE BODY (ACUTE EFFECTS):

Eyes: Direct contact may cause irritation.

Skin: May cause drying of the skin and mild irritation. Prolonged and repeated skin contact may result in dermatitis.

Inhalation: May irritate nose, throat and respiratory passages.

Ingestion: Low ingestion hazard in normal use. Irritation may cause abdominal pain, nausea, diarrhea and vomiting.

WHMIS HAZARD SYMBOL(S):



SECTION 04 - FIRST AID MEASURES:

Eyes: Flush with copious quantities of lukewarm water. Do not attempt to physically remove the solids or gums 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: Get medical attention.

SECTION 05 - FIRE FIGHTING MEASURES:

Flammable Conditions: Avoid direct sources of heat or ignition in uncured state.

Extinguishing Media: Carbon dioxide, dry chemical, water fog or foam. Water can be used to cool fire exposed containers

Fire Fighting Measures:	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.
Flash Point:	Not applicable – water-borne product
Flammability Limits:	Lower Explosion Limit - not available Upper Explosion Limit - not available
Autoignition Temperature:	Not available
Hazardous Decomposition Products:	Carbon oxides and traces of incompletely burned carbon products.
Sensitivity - Impact:	None
Static:	None

SECTION 06 – ACCIDENTAL RELEASE MEASURES:

Containment / Clean Up:	Restrict access to the area of the spill. Provide ventilation, NIOSH / MSHA approved respirator and protective clothing. Scrape up caulk and place in container for disposal. Cleaning may require steam 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.
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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. KEEP FROM FREEZING.
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SECTION 08 – EXPOSURE CONTROL / PERSONAL PROTECTION:

Component Exposure Limits:	Mineral Spirits (CAS# 64742-88-7): Provide adequate ventilation to control exposures within the following exposure guidelines: ACGIH TLV: 100 ppm, OSHA PEL: TWA 100 ppm. Ammonium Hydroxide (CAS# 7664-41-7): Provide adequate ventilation to control exposures within the following exposure guidelines: ACGIH TLV: 25 ppm, OSHA PEL: TWA 50 ppm.
Respiratory:	No respiratory protection should be needed.
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:	Paste
Odor and Appearance:	Mild acrylic/ammonia odor, thixotropic caulk
Odor Threshold:	Not available
Specific Gravity:	1.04 – 1.08
Vapor Pressure:	Not available
Vapor Density:	Heavier than air
Evaporation Rate:	Lower than Butyl Acetate
Boiling Point:	210°F to 220°F (99°C to 104°C)
Freezing Point:	32°F (0°C)
pH:	7 - 9
Coeff. Oil/Water Distribution:	Not available

SECTION 10 – STABILITY AND REACTIVITY:

Chemical Stability:	Stable
Incompatible Materials:	Strong bases or oxidizing agents
Reactive Conditions:	Incompatible materials.
Hazardous Polymerization:	Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION:

Effects of overexposure: Overexposure may cause weakness and depress the central nervous system.

Sensitization: No known applicable information.

Carcinogenicity: Product contains trace amounts of residual Formaldehyde (CAS# 50-00-0). OSHA & NTP identify Formaldehyde as a potential carcinogen. IARC identifies Formaldehyde as a human carcinogen. Formaldehyde has been shown to cause mutations in a variety of in-vitro test systems, w/ human significance unknown. Rats have shown carcinogenic effects in respiratory system. Risk should be minimal when used w/ adequate ventilation. Maintain adequate ventilation to prevent exposure above OSHA exposure limits. Product also contains trace amounts of Acrylonitrile (CAS# 107-13-1). It is exempt from OSHA Acrylonitrile Standard 29 CFR 1910.1045. Acrylonitrile has been classified by IARC as possibly carcinogenic to humans, by OSHA as carcinogenic & by NTP as anticipated to be 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.

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.

SECTION 13 – DISPOSAL CONSIDERATIONS:

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

SECTION 14 - TRANSPORT INFORMATION:

Shipping Information: Not subject to DOT or TDG Regulations.

SECTION 15 - REGULATORY INFORMATION:

TSCA Inventory Status: Chemical components listed on TSCA inventory except as exempted.

NFPA Profile: Health 1, Flammability 1, Reactivity 0

SARA TITLE III Chemical Listings: Section 312 Hazard Class (40 CFR 370): Acute: Yes; Chronic: Yes; Fire: No; Pressure: No; Reactive: No
Section 313 Toxic Chemicals (40 CFR 372): None.

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: base acrylic emulsion (mixture); acrylic thickener (mixture); water (CAS# 7732-18-5); mineral spirits (CAS# 64742-88-7) and ammonium hydroxide (CAS# 7664-41-7).

California Proposition 65 List: Formaldehyde (CAS# 50-00-0) and various monomer traces from the polymerization of the base emulsion.

Volatile Organic Content: Less than 3% by weight (CARB Method 310).

Domestic Substance List: Chemical components listed on DSL except as exempted.

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: MDSSNUFLEX180ULTRASILICONIZEDACRYLICLATEXCAULK-CLEAR Rev.: 5 Date: 06/08