



NUFLEX ® 130 PAINTER'S CAULK

SECTION 1. IDENTIFICATION

Product Identifier	NUFLEX ® 130 PAINTER'S CAULK
Other Means of Identification	Painter's Caulk
Recommended Use	Caulking compound.
Restrictions on Use	None known.
Manufacturer	NUCO Inc., 150 Curtis Dr., Guelph, Ontario, N1K 1N5, Canada, (519) 823-4994, www.sealantcentre.com
Emergency Phone No.	ChemTel Chemical Expert Assistance Hotline, 1-800-255-3924

SECTION 2. HAZARD IDENTIFICATION

Classification

Eye irritation - Category 2B; Germ cell mutagenicity - Category 1A; Carcinogenicity - Category 1A; Specific target organ toxicity (repeated exposure) - Category 2

Label Elements



Signal Word:
Danger

Hazard Statement(s):

Causes eye irritation.
May cause genetic defects.
May cause cancer.
May cause damage to organs through prolonged or repeated exposure.

Precautionary Statement(s):

Prevention:

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Do not breathe dust/fume/gas/mist/vapours/spray.
Wash hands and skin thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.

Response:

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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 or attention.

Get medical advice/attention if you feel unwell.

If eye irritation persists: Get medical advice/attention.

Storage:
Store locked up.

Disposal:
Dispose of contents and container in accordance with local, regional, national and international regulations.

Other Hazards

Emits toxic gases when heated.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Calcium carbonate	1317-65-3	40.0-70.0		
Ethylene glycol	107-21-1	0.5-1.5		
Titanium dioxide	13463-67-7	0.1-1.0		
Acetaldehyde	75-07-0	0.1-1.0		
Vinyl acetate	108-05-4	0.1-1.0		
Silica, quartz	14808-60-7	0.1-1.0		

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Remove source of exposure or move to fresh air. Get medical advice or attention if you feel unwell or are concerned.

Skin Contact

Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes. Get medical advice or attention if you feel unwell.

Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. If eye irritation persists, get medical advice or attention.

Ingestion

Get medical advice or attention if you feel unwell or are concerned. Never give anything by mouth if person is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting.

First-aid Comments

If exposed or concerned, get medical advice or attention.

Most Important Symptoms and Effects, Acute and Delayed

If inhaled: symptoms may include headache, nausea, dizziness, drowsiness and confusion. If on skin: may cause mild irritation. If in eyes: causes mild irritation. Symptoms include slight redness and swelling.

Immediate Medical Attention and Special Treatment

Target Organs

Skin, eyes.

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Special Instructions

Not applicable.

Medical Conditions Aggravated by Exposure

None known.

SECTION 5. FIRE-FIGHTING MEASURES**Extinguishing Media****Suitable Extinguishing Media**

Not combustible. Use extinguishing agent suitable for surrounding fire. Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog.

Unsuitable Extinguishing Media

None known.

Specific Hazards Arising from the Product

Closed containers may rupture violently when heated releasing contents.

Very toxic carbon monoxide, carbon dioxide; very toxic, flammable formaldehyde; metal oxides.

Special Protective Equipment and Precautions for Fire-fighters

No special precautions are necessary.

Fire-fighters may enter the area if positive pressure SCBA and full Bunker Gear is worn.

SECTION 6. ACCIDENTAL RELEASE MEASURES**Personal Precautions, Protective Equipment, and Emergency Procedures**

Use the personal protective equipment recommended in Section 8 of this safety data sheet.

Environmental Precautions

Do not allow into any sewer, on the ground or into any waterway. It is good practice to prevent releases into the environment. If the spill is inside a building, prevent product from entering drains, ventilation systems and confined areas. Minimize the use of water to prevent environmental contamination.

Methods and Materials for Containment and Cleaning Up

Collect using shovel/scoop or approved HEPA vacuum and place in a suitable container for disposal. Review Section 7 (Handling) of this safety data sheet before proceeding with clean-up. Review Section 13 (Disposal Considerations) of this safety data sheet.

Other Information

Report spills to local health, safety and environmental authorities, as required.

SECTION 7. HANDLING AND STORAGE**Precautions for Safe Handling**

Obtain special instructions before use. Do not breathe in this product. Prevent all skin contact. Do not get in eyes, on skin or on clothing. Do not swallow. Avoid exposure during pregnancy and while nursing. Only use where there is adequate ventilation. Avoid generating vapours or mists. Avoid release to the environment. Wear personal protective equipment to avoid direct contact with this chemical.

Conditions for Safe Storage

Store in an area that is: well-ventilated, cool, dry, separate from incompatible materials (see Section 10: Stability and Reactivity).

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Control Parameters**

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA

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Calcium carbonate	Not established	Not established	15 mg/m3	Not established	Not established	Not established
Titanium dioxide	10 mg/m3 A4	Not established	15 mg/m3	Not established	Not established	Not established
Acetaldehyde	25 ppm	25 ppm	200 ppm	Not established	Not established	10 ppm
Ethylene glycol	25 ppm	50 ppm	Not established	Not established	Not established	Not established
Vinyl acetate	10 ppm	15 ppm	Not established	Not established	Not established	5 ppm
Silica, quartz	0.025 mg/m3	0.025 mg/m3	10 mg/m3	30 mg/m3	Not established	Not established

Appropriate Engineering Controls

Use local exhaust ventilation, if general ventilation is not adequate to control amount in the air.

Individual Protection Measures

Eye/Face Protection

Wear chemical safety goggles.

Skin Protection

Wear chemical protective clothing e.g. gloves, aprons, boots.

Suitable materials are: nitrile rubber, neoprene rubber, Silver Shield®.

Respiratory Protection

Not normally required if product is used as directed.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	White paste. Particle Size: Not available
Odour	Alcoholic
Odour Threshold	Not available
pH	7.5 - 8.5
Melting Point/Freezing Point	Not available (melting); Not available (freezing)
Boiling Range	> 37.8 °C
Flash Point	93.9 °C (closed cup)
Evaporation Rate	0.33 (n-butyl acetate = 1)
Flammability (solid, gas)	Not available
Upper/Lower Flammability or Explosive Limit	Not available (upper); Not available (lower)
Vapour Pressure	2.3 kPa at 25 °C (77 °F)
Vapour Density (air = 1)	Not available
Relative Density (water = 1)	1.68
Solubility	Soluble in water; Not available (in other liquids)
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	Not available (kinematic); Not available (dynamic)
Other Information	
Physical State	Liquid
Volatile Organic Content	29% (v/v), 17.1% (w/w)

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SECTION 10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions of use.

Chemical Stability

Normally stable.

Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

Conditions to Avoid

Prolonged exposure to high temperatures.

Incompatible Materials

Reacts violently with: strong oxidizing agents (e.g. perchloric acid), strong bases (e.g. sodium hydroxide), strong acids (e.g. hydrochloric acid).

Not corrosive to metals.

Hazardous Decomposition Products

Very toxic carbon monoxide, carbon dioxide; corrosive, oxidizing nitrogen oxides.

SECTION 11. TOXICOLOGICAL INFORMATION

Information presented below is for the entire product, unless otherwise specified.

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Calcium carbonate		> 6450 mg/kg (rat)	
Titanium dioxide	> 6820 mg/kg (rat) (4-hour exposure)	> 25000 mg/kg (rat)	> 10000 mg/kg (rabbit)
Acetaldehyde	8722 ppm (rat) (4-hour exposure)	660 mg/kg (rat)	> 5000 mg/kg (rabbit)
Ethylene glycol	2725 mg/m3 (rat) (4-hour exposure)	4000 mg/kg (female rat)	9530 mg/kg (rabbit)
Vinyl acetate		4880 mg/kg	
Silica, quartz		500 mg/kg (rat)	

Skin Corrosion/Irritation

No information was located.

Serious Eye Damage/Irritation

No information was located.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

No information was located.

Skin Absorption

No information was located.

Ingestion

No information was located.

Aspiration Hazard

No information was located.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

(Vinyl acetate) category 1. (Silica, quartz) category 2. (Ethylene glycol) category 2.

Respiratory and/or Skin Sensitization

No information was located.

Carcinogenicity

Chemical Name	IARC	ACGIH®	NTP	OSHA
Calcium carbonate	Not Listed	Not designated	Not Listed	Not Listed
Titanium dioxide	Group 2B	A4	Not Listed	Not Listed
Acetaldehyde	Group 2B	A2	Reasonably anticipated	Not Listed
Ethylene glycol	Not Listed	A4	Not Listed	Not Listed
Vinyl acetate	Group 2B	A3	Not Listed	Not Listed
Silica, quartz	Group 1	A2	Known carcinogen	Not Listed

IARC:

Group 2B – Possibly carcinogenic to humans.

Group 1 – Carcinogenic to humans.

ACGIH®:

A2 – Suspected human carcinogen.

A3 – Confirmed animal carcinogen.

A4 – Not classifiable as a human carcinogen.

Reproductive Toxicity

Development of Offspring

No information was located.

Sexual Function and Fertility

No information was located.

Effects on or via Lactation

No information was located.

Germ Cell Mutagenicity

May be mutagenic based on information for closely related chemicals.

Interactive Effects

No information was located.

SECTION 12. ECOLOGICAL INFORMATION

Environmental information was not located.

Persistence and Degradability

No information was located.

Bioaccumulative Potential

No information was located.

Mobility in Soil

No information was located.

Other Adverse Effects

There is no information available.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose of contents and container in accordance with local, regional, national and international regulations. Recommended disposal methods are for the product, as sold. (Used material may contain other hazardous contaminants). The required hazard evaluation of the waste and compliance with the applicable hazardous waste laws are the responsibility of the user. This product and its container must be disposed of as hazardous waste. Do NOT

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dump into any sewers, on the ground or into any body of water.

SECTION 14. TRANSPORT INFORMATION

Not regulated under IATA Regulations.

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
US DOT	3082	Environmentally Hazardous (Carbendazim)	9	III
Canadian TDG	3082	Environmentally Hazardous (Carbendazim)	9	III

Special Precautions Not applicable

Transport in Bulk according to International Maritime Organization Instruments

Not applicable

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

None known.

Canada

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are listed on the DSL or are not required to be listed.

USA

Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are listed on the TSCA Inventory.

Additional USA Regulatory Lists

California Proposition 65: This product contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harm. (Silica, quartz)

Massachusetts, New Jersey, and Pennsylvania Right To Know:
Ethylene Glycol (CAS# 107-21-1) - <2%

SARA Title III - Section 302: RQ: 711,338.7 lbs./ 322,947.8 kg [50,855.5 gal./ 192,509.2 L]

SARA Title III - Section 311/312. (Titanium dioxide) Chronic Health Hazard. (Acetaldehyde)

Fire Hazard Acute Health Hazard Chronic Health Hazard. (Vinyl acetate)

Fire Hazard Reactive Acute Health Hazard Chronic Health Hazard. (Ethylene glycol) Acute Health Hazard Chronic Health Hazard. (Silica, quartz)
Chronic Health Hazard

SARA Title III - Section 313:

Vinyl Acetate (CAS# 108-05-4) - 0.1% - 1.0%

Acetaldehyde (CAS# 75-07-0) - 0.1% - 1.0%.

SECTION 16. OTHER INFORMATION

NFPA Rating Health - 2 Flammability - 1 Instability - 0

SDS Prepared By Technical Services Department

Phone No. (519) 823-4994

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Revision Indicators Revision 2

References CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS).

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HSDB® database. US National Library of Medicine. Available from Canadian Centre for Occupational Health and Safety (CCOHS).
NIOSH Pocket Guide database. National Institute for Occupational Safety and Health. Available from Canadian Centre for Occupational Health and Safety (CCOHS).
Registry of Toxic Effects of Chemical Substances (RTECS®) database. Dassault Systèmes/BIOVIA ("BIOVIA"). Available from Canadian Centre for Occupational Health and Safety (CCOHS).

Disclaimer

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.