



Safety Data Sheet

SURFACE Treatment

Section 1. Chemical product and company identifications

Common name: SURFACE Treatment
Product code: 60428
Chemical family: Cleaner, surface preparation
CAS: Mixture
Synonyms: Not applicable

Supplier / Manufacturer:

Finitec Hardwood Products Inc.
150, Leon-Vachon
Saint-Lambert-de-Lauzon (Quebec)
Canada G0S 2W0
Phone: (418) 889-9910
Fax: (418) 889-9915

In case of emergency:

CANUTEC: (613) 996-6666

Or contact your local poison control center.

Section 2. Hazards identifications

Physical state: Liquid

Warning: The product can cause important eye and skin irritation, especially in case of sensitivity. If large quantities are inhaled, may affect respiratory system.

Routes of entry: Eyes, skin, inhalation, ingestion.

Potential acute effects

- **Eyes:** The product can cause severe eye irritation.
- **Skin:** The product may cause severe irritation.
- **Inhalation:** The product can cause irritation to the respiratory tract.
- **Ingestion:** If ingested, product may cause irritation to the gastrointestinal tract. Harmful if swallowed in large quantities.

Potential chronic effects: See *Toxicological Information (section 11)*.

Section 3. Composition and information on ingredients

<u>Name</u>	<u>CAS</u>	<u>Concentration %</u>
Diethylene glycol methyl ether	111-77-3	1 to 2
Sodium metasilicate	6834-92-0	1 to 2

Section 4. First aid measures

Eye contact: Flush eyes with running water for at least 15 minutes, keeping eyelids open immediately. Take care not to contaminate unaffected areas. Consult a doctor immediately.

Skin contact: Wash the affected area with soap and water and rinse immediately with plenty of running water. Get medical attention if irritation symptoms arise.

Inhalation: If symptoms of respiratory irritation arise following inhalation of the product, move the victim to fresh air. If symptoms persist or worsen, contact emergency services immediately.

Ingestion: In cases of ingestion of large amounts of product, DO NOT induce vomiting. Consult a doctor immediately.

Note: For any situation where the victim should consult a doctor or emergency services should go to the scene of incident to an intervention or medical transportation, make sure you give a copy of this MSDS with the victim if his health permits, an accompanying person or emergency services so that it is readily available for emergency physicians and / or physicians.

Section 5. Fire fighting measures

Flammability of the product: Not flammable

Lower limit of flammability: Not available

Upper limit of flammability: Not available

Flammability temperature Not available

Flash point: >100°C

Products of combustion: Carbon dioxide (CO₂), Carbon monoxide (CO), Nitrogen oxide, Halogenated compounds.

Fire hazards in presence of various substances: Data not available

Fire fighting media and instructions: Extinguishing media such as water fog, carbon dioxide or alcohol resistant foam. Do not use water spray as it will spread fire.

Section 6. Accidental release measures

Personal precautions: Wear appropriate clothing and protective equipment when cleaning liquid chemicals.

Environmental precautions: Prevent infiltration into drains, sewers and water courses.

Methods for cleaning up: Absorb spill with inert absorbent and non-combustible materials, such as universal absorbents or vermiculite. Transfer absorbed substance in a suitable container for disposal in accordance with federal, provincial and local laws.

Section 7. Handling and storage

Handling: Wear all personal protective equipment according to the task. Properly apply the professional and personal hygiene procedures such as washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas. Use safety procedures to avoid accidents.

Storage: It is recommended to store the product at room temperature. Keep out of reach of children.

Section 8. Exposure Controls, Personal Protections

Engineering controls: Ensure adequate ventilation and good air output to keep contaminant concentrations below the permissible exposure limits.

Eyes: Wear safety glasses with side shields.

Respiratory: During routine operations, respiratory protection is not required. If exposure limits are exceeded, wear appropriate respiratory protection.

Hands: Wear chemical resistant gloves.

Skin/body: According to task.

Other: Eyewash and emergency shower must be available on site.

Section 9. Physical and chemical properties

Molecular mass: Data not available

Physical status: Liquid

Appearance: Clear

Odor: None

Threshold odor: Data not available

Density at 25°C (g/mL): 1.02 ± 0.01

Freezing point: Data not available

Boiling point: Data not available

Vapor tension: Data not available

Density of vapor: Data not available

Coefficient of division (water/oil): Data not available

Water solubility (Air=1): Miscible in water

Rate of evaporation: Data not available

Volatility: Data not available

pH: 12.0 to 12.5

Section 10. Stability and reactivity

Stability and reactivity: Stable

Incompatibility: Oxidizing agents.

Hazardous decomposition products: Thermal decomposition products such as carbon dioxide (CO₂).

Conditions to avoid: High temperatures, heat, open flames and contact with incompatible materials.

Hazardous polymerization: Will not occur

Section 11. Toxicological information

Information on ingredients:

<u>Name</u>	<u>CAS</u>	<u>LD₅₀</u>	<u>LC₅₀</u>
Diethylene glycol methyl ether	111-77-3	Rat (Oral) 7,000 mg/kg Rabbit (Dermal) 20,400 mg/kg Rabbit (Dermal) 9,404 mg/kg	N/A
Sodium metasilicate	6834-92-0	Rat (Oral) 1,152 – 1,349mg/kg	N/A

Routes of entry: Eyes, skin, inhalation, ingestion.

Potential acute effects

- **Eyes:** The product can cause eye irritation.
- **Skin:** The product may cause irritation.
- **Inhalation:** The product can cause irritation to the respiratory tract.
- **Ingestion:** If ingested, product may cause irritation to the gastrointestinal tract. Harmful if swallowed in large quantities.

Potential chronic effects:

Carcinogenicity: No components have been confirmed as carcinogenic.

Reproductive toxicity: Test on laboratory animals show that overexposure may cause reproductive disorders.

Teratogenicity: Suspected human reproductive toxicant. Possible risk of congenital malformation in the foetus.

Section 12. Ecological information

Ecological data:

<u>Name</u>	<u>Results</u>	<u>Species</u>	<u>Period</u>
Diethylene glycol methyl ether	LC ₅₀ - 7,500 mg/L	Lepomis Macrochirus	96 h
	LC ₅₀ - 5,741 mg/L	Pimephales promelas	96 h
	EC ₅₀ - 1,192 mg/L	Daphnia Manga	48 h
	EC ₅₀ - 1,000 mg/L	Selenastrum capricornutum	96 h
Sodium metasilicate	LC ₅₀ - 210 mg/L	Danio Rerio	96 h

Effects on environment: No data available

Environmental precautions: No data available

Breakdown products: No data available

Toxicity of the biological breakdown products: No data available

Section 13. Disposal considerations

Waste disposal: Dispose of this product in accordance with federal, provincial and local laws.

Section 14. Transportation information

Classification DOT/ IMDG/IATA:

DOT Shipping name: Corrosive liquid, basic, inorganic.

UN number: UN3266

Class: 8

Packing group/ Category: III

Reportable quantities: 5 L

Additional information: Not applicable

Section 15. Regulatory information

GHS (Globally Harmonized System of Classification and Labelling of Chemicals):



Reproductive toxicity (Category 2)



Skin and eye irritation (Category 4)



Severe eye lesions (Category 1)
Severe skin lesions (Category 1B)

Hazard statements:

H315: Causes skin irritation.
H320: Causes eye irritation
H335: May cause respiratory irritation.

Precautionary statements

P102: Keep out of reach of children.
P264: Wash hands and skin thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P273: Avoid release to the environment

UNITED STATES:

NFPA rating



Health: 0
Flammable: 0
Reactivity: 0
Special conditions: 0

Legend: 4: Severe, 3: High, 2: Moderate, 1: Slightly, 0: Not hazardous

REACH (EU):

ESIS - European chemical Substances Information System : Composite

REACH - Registration, Evaluation, Authorisation and Restriction of Chemical substances : Composite

List of Registered Substances Phase-in :

Registered like:

EC No.	CAS RN	Substance name	Full	OSII	TII
203-906-6	111-77-3	Diethylene glycol methyl ether	-		
229-912-9	6834-92-0	Sodium metasilicate	-		

Full Indicates registration under REACH Article 10 as a full folder.

OSII Indicates registration under REACH Article 17 as an isolated intermediate on site (OSII).

TII Indicates registration under REACH Article 18 as a transported isolated intermediate (TII).

'Yes' Indicates the registration of the substance with REACH is complete.

'In Process' Indicates that a file on the substance has been successfully submitted to ECHA and gets treated, NB Compliance monitoring is ongoing (and could be unsuccessful).

CANADA :

SIMDUT (Canada) :



E - Corrosive material



D2B – Material causing other toxic effects
D2A – Very toxic material causing other toxic effects.

Section 16. Additional information

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Version: 1

Elaborated by: Toxyscan inc., 1-866-780-0599

References:

- ANSI Z400.1, MSDS Standard, 2001.
- Manufacturer's Material Safety Data Sheet.
- 29CFR Part 1910.1200 OSHA MSDS Requirements.
- 49CFR Table List of Hazardous Materials, UN#, Proper Shipping Names, PG. -Canada
- Gazette Part II, Vol. 122, No. 2 Registration SOR/88-64 31 December, 1987 Hazardous Products Act "Ingredient Disclosure List".
- Federal act on the controlled products
- Canadian Transport of Dangerous Goods, Regulations and Schedules, Clear Language version 2002.
- Toxicological repertory, HSC.
- Material safety data sheet from the components.

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