

MATERIAL SAFETY DATA SHEET

SUPRO EM

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: SUPRO EM

Product type: Wax emulsion for timber as split and crack preventive treatment

Supplier: **TIMBERLIFE (PTY) LTD**
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2. COMPOSITION / INFORMATION ON INGREDIENTS

SUPRO EM is an emulsion of paraffin wax in water.

Chemical nature and use:

SUPRO EM is a ready-for-use wax emulsion that is compatible with and effectively seals green (freshly cut) timber, particularly the end grain. Upon drying it forms a water resistant coating that prevents excessive checking and end splitting during drying of the timber. **SUPRO EM** also acts as a highly effective water repellent sealer.

It has a milky white appearance and dries to a translucent coating. **SUPRO EM** is also available with colour additives for visual identification.

Active ingredient content:

Paraffin wax 450g/ℓ, (min)

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3. HAZARDS IDENTIFICATION

Liquid: May cause irritation to eyes and skin on prolonged contact.
Vapour: May cause irritation of respiratory tract.

4. FIRST-AID MEASURES

Inhalation: Remove person to fresh air.
Eye contact: Flush eye immediately with cold water. If irritation continues, seek medical attention.
Skin contact: After contact with product, remove soaked clothing and wash the skin with soap and water.
Ingestion: When swallowed, seek medical attention. The product is not considered toxic. Do not induce vomiting.

5. FIRE-FIGHTING MEASURES

Flammability of the product: Not flammable
Products of combustion: Carbon oxides (CO, CO₂)
Fire fighting media and instructions:
Small fire - Dry chemical powder, carbon dioxide, sand.
Large fire - Water spray, fog or foam.
Protective equipment (fire): Approved/certified respirator or equivalent.
Specific hazards: Water evaporates out of the product. The remaining hydrocarbon oil is flammable. In case of incomplete combustion irritant vapours, smoke, soot and carbon monoxide (CO) may be formed.
Additional information: Apply cold water in order to cool containers exposed to fire.

6. ACCIDENTAL RELEASE MEASURES

Small spill and leak: Diluted with water and mop up or absorb with inert dry material and place in appropriate waste disposal container.
Large spill and leak: Absorb with inert material and place in suitable container. Dispose in accordance with regulations.

7. HANDLING AND STORAGE

Handling:
Hints on safe handling - No special measures necessary if used correctly.
Hints for protection against fire and explosion - Avoid formation of product mist
Storage:
Requirements for storage rooms and containers - Store in bunded area large enough to contain total spillage.

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Information on storage together with other products - Do not store together with strong oxidising agents and food.

Additional information - Store product at room temperature. Keep from freezing. Protect against high temperatures.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limit (fumes): NIOSH/ACGIH (United States, 2002) TWA 2 mg/m³

Personal protective equipment:

Hand protection -	Waterproof gloves
Eye protection -	Safety goggles
Body protection -	Protective clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Slightly viscous liquid

Colour: Milky white

Odour: Mild

Flash point (open cup): Not available

Boiling point: > 100°C

Density at 20°C: 0,95 kg/ℓ

Solubility in water (20°C): Emulsifies

pH-value aqueous extract: 7.5

Explosion properties: None

10. STABILITY AND REACTIVITY

Stable when stored at ambient temperatures

Conditions to avoid: Temperatures below 5°C and above 40°C as this may cause reduction in quality and possible separation into components of emulsion.

Materials to avoid: Strong acids and alkalis.

Hazardous decomposition products: Carbon and nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

No data are available for this product. The information given below is based on toxicity profiles of compositionally similar products.

Acute toxicity:

- Oral LD₅₀ (rat) – Over 5000mg/kg
- Dermal LD₅₀ (rabbit) – Over 2000mg/kg
- Inhalation LC₅₀ (rat) – No data

12. ECOLOGICAL INFORMATION

Information not available.

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13. DISPOSAL CONSIDERATIONS

Product waste: Product waste must be disposed of in accordance with federal, state and local environment control regulations.

European waste catalogue (EWC) recommends disposal according to EWC 12 01 12 (spent waxes and fats) or EWC 12 03 02 (steam degreasing wastes).

Packaging material: Drums can be returned to supplier or be disposed of at an approved waste disposal facility

14. TRANSPORT INFORMATION

This product is not controlled under any of the following classifications: DOT (United States), TDG (Canada), IMDG, IATA/ICAO

15. REGULATORY INFORMATION

This product is not classified according to the EU regulations.

16. OTHER INFORMATION

All information and instructions provided in this Material Safety Data Sheet (MSDS) are based on the current state of scientific and technical knowledge at the date indicated on the present MSDS and are presented in good faith and believed to be correct.

It is the responsibility of persons in receipt of this MSDS to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product.

Compiled: April 2008