

## MSDS Thatch Marshal 8000

**Application:**

### PRODUCT SPECIFICATIONS

**Appearance:** Milky white liquid  
**Ionic state:** Anionic  
**Solid content:** 49 - 50 %  
**pH-value:** 8.0 - 9.0  
**M.F.T.** Approx. 10°C  
**Viscosity:** 500 - 3000 cps  
**SG:** 1.02 - 1.04  
**Dried film:** Clear / Hard  
**Stability:** Excellent

**Storage conditions:** Protect from frost and heat. Store in tightly closed containers and reseal tightly after opening.  
Use product in sequence of date of arrival.  
Recommended storage temperature is +5 to +35°C

**Storage stability:** Approximately 6 months after delivery, if stored in original unopened drums under the stated conditions.

**Packing:** 200 kg Drum / 1000 kg Flobin.

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<b>COMPANY DETAILS</b>	
<b>Name: Fire Protection Chemicals PTY LTD</b>	Emergency tel. no.: 082 850 4834
Address: 6 Kobie Krige street Krugersdorp South - Africa	Tel. no.: 011 660 1799
	Fax. no.: 086 604 4138
	E-mail : twbasson@gmail.com

<b>1. PRODUCT IDENTIFICATION:</b>
Trade name: Thatch Marshal 8000

EEC classification: Not classified			
R phrases: R 21/22, R 37/38, R52			
S phrases: S3/7/9, S20/21, S27/28, S29/35,S36/37/39			

<b>2. HAZARD IDENTIFICATION:</b>
Main hazard: No great risk to health
Flammability: Non - Flammable
Chemical hazard: Not pertinent.
Biological hazard: No data available.
Reproductive hazard: No data available
Effect on eyes: – irritant. Can cause damage
Health effects – skin: Slightly irritant. If the product adheres to skin, irritation may occur when it dries.
Health effects – ingestion: Ingestion may result vomiting. Irritating and nauseating
Health effects – inhalation: Possible traces of free monomers. Can be irritating.
Carcinogenicity: No data available.
Mutagenicity: No data available.
Neurotoxicity: No data available.

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<b>4. FIRST AID MEASURES:</b>
Product in eye: Flush gently with water, holding eyelids open for 15 minute period. If irritation persists, repeat flushing and seek medical attention.
Product on skin: Remove contaminated clothing. Always wash after being in contact with chemical substances
Product ingested: Rinse mouth thoroughly with water. If vomiting occurs naturally, rinse mouth and repeat administration of water. Seek medical assistance.
Product inhaled: Move victim to fresh air. Call for medical assistance, if breathing is difficult, give oxygen. If person is not breathing, give artificial respiration.

<b>5. FIRE FIGHTING MEASURES:</b>
Extinguisher media: Foam, CO2 or dry powder. Inert - No reaction with fire-fighting water
Special hazards: Keep drums cool
Protective clothing: Wear NIOSH approved self – contained breathing apparatus.

<b>6. ACCIDENTAL RELEASE MEASURES:</b>
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Personal precautions: Chemical glasses, PVC/rubber gloves, respirator with an organic cartridge filter, overalls and boots.
Environmental precautions: Harmful to aquatic life in low concentrations. Contain the spill using appropriate absorbing material
Small spills: Absorb small spills and place into clean dry labelled containers and cover.
Large spills: Avoid contact with solution. Stop discharge if possible. Isolate and remove discharge material by absorbing it with an absorbent.

<b>7. HANDLING AND STORAGE:</b>
Suitable material: Keep in original packaging.
Handling / storage precautions: Store in a cool, dry, well ventilated area and keep packaging dry. Inert substance with no special requirements for hazard containment.

<b>8. EXPOSURE CONTROLS / PERSONAL PROTECTION:</b>
Engineering control measures: work area should have adequate ventilation.
Personal protection – respiratory: Where an inhalation risk exists wear a class P1 (Organic matter) respirator (3M 6300 + 6055).
Personal protection – hands: Wear PVC / rubber gloves.
Personal protection – eyes: Chemical safety goggles or safety glasses
Personal protection – skin: Wear overalls or protective clothing where skin contamination is unlikely
Other protection: Have a safety shower / eyewash fountain available in the immediate area.

<b>9. PHYSICAL AND CHEMICAL PROPERTIES:</b>
Appearance: White liquid
PH: 9.0 – 11.5
Viscosity: 1000 – 3000 CPS
Non- volatile: 49 - 50 %
Boiling point: < 100°C
Melting point: Not available
Flash point: N/A
Flammability: Non -Flammable
Oxidizing properties: Not pertinent
Vapour pressure: Not available
Density: approximate ca 1g/ml
Solubility – water: Miscible

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<b>10. STABILITY AND REACTIVITY:</b>
Thermal decomposition: No decomposition if used correctly
Hazardous decomposition products: No hazardous reactions when stored and handled according to instructions.

<b>11. TOXICOLOGICAL INFORMATION:</b>
Acute toxicity: Data not available
Skin and eye contact: If the product adheres to skin, irritation may occur when it dries.
Chronic toxicity: Data not available.
Carcinogenicity: Data not available.
Mutagenicity: Data not available.

Reproductive hazard: Data not available.

**12. ECOLOGICAL INFORMATION:**

Aquatic toxicity – fish: Data not available

Aquatic toxicity – daphnia: Data not available.

Aquatic toxicity – algae: Data not available.

Biodegradability: Data not available.

Bio-accumulation: Based on its structural properties, the polymer is not biologically available.  
Accumulation in organisms is not to be expected.

**13. DISPOSAL CONSIDERATIONS:**

Disposal methods: Collect small spills into clean, dry, labelled containers and cover. Dispose of through reputable waste disposal company.

Disposal of packaging: Incinerate or landfill.

**14. TRANSPORTATION INFORMATION:**

UN No.: Not classified

Substance identity no.:

ADR / RID class: Not classified as a dangerous good under transport regulations

IMDG – class: Not classified as a dangerous good under transport regulations

IMDG – marine pollutant: Yes.

IATA – class: Not classified as a dangerous good under transport regulations

**15. REGULATORY INFORMATION:**

The product does not require a hazard warning label in accordance with EC Directives.

Classification and labelling were undertaken on the basis of tests on a preparation of similar composition.

**16. OTHER INFORMATION:**

The information in this MSDS is provided in good faith and to the best of our knowledge. We assume no responsibility and give no warranty, either expressed or implied.

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