

PORCELAIN SEALER

MATERIAL SAFETY DATA SHEET

Date of Issue: December 2001

STATEMENT OF HAZARDOUS NATURE

Classified as Hazardous according to criteria of Worksafe Australia

COMPANY DETAILS

Company: DRY TREAT PTY LTD
Address: 220 Pacific Hwy, Crows Nest NSW 2065 Australia
P.O. Box 551, St Leonard's NSW 1590 Australia
Tel: +61 2 9954 3211 Fax: +61 2 9954 3162

Emergency Telephone Number: +61 2 9954 3211

IDENTIFICATION

Product Name: **PORCELAIN SEALER**
Other Name: Ethyl Alcohol Solution
UN Number: **1170**
Dangerous Goods Class: 3
Subsidiary Risk: **Not Relevant**
Hazchem Code: 2[Y]E
Packaging Group: **II**
Poisons Schedule Number: Not Scheduled
Use: Water and stain protection for masonry substrate

PHYSICAL AND CHEMICAL DESCRIPTION

Appearance: **Colourless liquid**
Odour: Alcoholic
Solvent: **Ethyl Alcohol**
BoilingPoint/Melting Point: 81° C
Vapor Pressure (20°C): **0.66 kPa**
Specific Gravity: 0.824
Flashpoint: **12 °C (abel)**
Flammability Limits: LEL: 3.3% UEL: 19%
Solubility in Water (20°C): **Partly miscible, partial decomposition by hydrolysis**
Other Properties:
Viscosity (20°C): 1.12mPaS DIN 513015

INGREDIENTS

Chemical Name:	Hazard	CAS Number	Proportion
Aliphatic Acids	Symbol	[64-19-7]	<1%
Ethyl Alcohol	F	[64-17-5]	>60%
Ingredients determined not to be hazardous	F		to 100%
	Xi		

HEALTH HAZARD INFORMATION

Acute:

Swallowed: Significant ingestion can result in depression of central nervous system

Eye: Mild irritant

Skin: Mild irritant

Inhaled: Vapours can affect the central nervous system and result in headaches and dizziness.

Chronic: Repeated or prolonged exposure may cause allergic dermatitis. Excessive inhalation or ingestion can result in liver damage.

FIRST AID MEASURES

Take off all contaminated clothing and wash before reuse.

After inhalation

Provide fresh air. If feeling unwell seek medical advice.

After skin contact

Wash off with plenty of soap and water immediately. Seek medical advice if necessary.

After eye contact

Rinse with plenty of water and seek medical advice.

After ingestion

Seek medical attention immediately.

EXPOSURE CONTROLS / PERSONAL PROTECTION

Technical measures

Use in well ventilated area. Do not use product close to ignition sources.

Industrial Hygiene

Avoid contact with skin and eyes. Do not inhale vapours. Do not wear contaminated clothing.

Respiratory protection

Required if the limit values like TLV are exceeded; when vapours or aerosols occur.

Hand protection

Suitable protective gloves

Eye protection

Close fitting protective goggles (e.g. closed goggles)

Ingredients with limiting values to be controlled

TVL (FRG): 1000 ppm – 1900 mg/m³ (ethyl alcohol)

Further Information:

The data is derived from the labelling according to the EC Dangerous Preparations Directive.

HANDLING AND STORAGE**Handling**

Provide sufficient ventilation.

Application, processing: Provide good ventilation.

Protect against fire/explosion

Take precautionary measures against static charges. Keep away from sources of ignition – no smoking.

Storage

Keep containers tightly closed and store in a cool, well ventilated place. Protect from moisture.

TRANSPORT INFORMATION**IMDG – code**

Proper shipping Name

ICAO/IATA-DGR

Proper shipping Name

ADNR

RID/ADR

Class: 3.2

UN-No.: 1170 PG: II

Ethyl Alcohol Solution

Class: 3

UN/ID-No.: 1170

PG: II

Ethyl Alcohol Solution

Class: 3

Item: 1a

Class: 3
1170

Item: 3b Hazard No.: 33 UN-No.:

ACCIDENTAL RELEASE MEASURES

Personal precautions

Provide sufficient ventilation. Keep away from sources of ignition – no smoking.

Environmental precautions

Keep away from drains, waters and soil.

Methods for Cleaning Up

Take up mechanically with an absorbent material ie. sand (for damming up), sawdust, universal absorbent.

With respect to local regulations, e.g. dispose of to suitable waste incineration plant.

FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Foam, CO₂, dry powder, Water spray.

Special Hazards:

In case of fire cool endangered containers with water.

STABILITY AND REACTIVITY

Hazardous Reactions: No dangerous reactions known.

Hazardous Decomposition Products: No hazardous decomposition products known.

ECOLOGICAL INFORMATION

No data available (preparation)

REGULATORY INFORMATION

Labelling:

According to the Dangerous Preparations Directive (88/379/EEC)

Hazard symbol:

F = Highly flammable

Xi = Irritant

R-phrases:

R11 Highly flammable

R38 Irritating to eyes, respiratory system and skin

S-phrases:

S16 Keep away from sources of ignition - No smoking

S24 Avoid contact with skin and eyes

S37/39 Wear suitable gloves and eye/face protection.

CONTACT POINT

For specialist advice, contact Technical Manager on +61 2 9954 3211

Important Note:

The information presented in this MSDS is intended as a guideline for the selection and use of DRY-TREAT Marble & Porcelain Sealer, and is accurate to the best of our knowledge at the time of publication. This is not a specification and is not to be used as a firm approval for the suitability of DRY-TREAT Marble & Porcelain Sealer for any particular surface or substrate. For specific written recommendations and instructions contact Dry-Treat Pty Ltd.