

# Material Safety Data Sheet

MSDS: Terra-Glaze

Date of Issue: June 2004

Supersedes Issue Date: May 1999

## Terra-Glaze

### Company Details

Nutech Paint Pty Ltd (A.B.N. 94 242 116 396)  
4 Keppler Circuit, Seaford, Victoria 3198, Australia  
Tel: (03) 9775 1491 Fax: (03) 9775 1680  
Emergency Telephone 000

### Product Identification

This product is classified as hazardous according to criteria of Worksafe Australia

**Product Name:** Terra-Glaze  
**Other Names:** Nutech Terraglaze Clear, Terracotta Tile Clear Sealer, Terraglaze Clear Sealer  
**Shipping Name:** Resin Solution, Flammable  
**U.N. Number:** 1866  
**D.G. Class:** 3  
**Subsidiary Risk:** N/A  
**Hazchem Code:** 3[Y]  
**Packaging Group:** III  
**Poisons Schedule:** 5  
**Chemical Description:** Clear & pigmented solution of alkyd and silicon resin and hydrocarbons & solvents  
**Use:** Exterior coating for unglazed terra cotta roof tiles

### Physical Description / Properties

**Appearance:** Clear or pigmented viscous liquid  
**Odour:** Hydrocarbon solvent & alcohols  
**Boiling Point (°C):** Range 137 - 175 Deg  
**pH** Range 8-9  
**Relative Density:** 0.96  
**Shelf Life:** 12 months  
**Flammability Limits:** See 'Fire/Explosion Hazard' under 'Safe Handling Information'  
**Solubility in Water:** Negligible  
**Solubility in Organic Solvents:** Soluble  
**Vapour Pressure (kPa):** N/A  
**Volatiles %:** 100  
**Flash Point (°C):** 27

### Ingredients

<u>Chemical Entity</u>	<u>C.A.S. Number</u>	<u>Proportions %</u>
Liquid Hydrocarbons	1330-20-7 / 64742-95-6	> 60
Alkyd/Silicon Resin	28262-63-7	20 - 30
UV Light Protectives	1241075	z 5
Anti-Skin	N/A	z 1
Driers	N/A	z 1
White Spirits	8052-41-3	> 10

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## Health Hazard Information

### Health Effects

#### **Effects of Overexposure – Acute**

High vapour concentrations are irritating to the eyes and respiratory tract, may cause headaches and dizziness, are anesthetic and may have other central nervous system effects.

#### **Effects of Exposure – Chronic**

Prolonged or repeated contact with the skin may irritate and cause dermatitis. May cause severe gastrointestinal distress.

### Emergency and First Aid Procedures

#### **Swallowed**

Do not induce vomiting. Give a glass of water and seek immediate medical attention.

#### **Eye**

Immediately hold open eyes and flush with water continuously for at least fifteen minutes. Seek medical attention.

#### **Skin**

Remove contaminated clothing and wash affected area with plenty of soap and water.

#### **Inhaled**

Remove to fresh air and apply artificial respiration if not breathing. Keep person calm and seek medical attention.

#### **Advice to Doctor**

Treat symptomatically

## Precautions for Use

### Exposure Standards

50 ppm for 8 hour working day exposure

### Engineering Controls

Avoid heating product

### Ventilation

Use in well ventilated area or use local exhaust - face velocity > 20 m/min

### Personal Protection

**Gloves:** Long impervious PVC

**Overalls:** Cotton

**Eyes:** Chemical goggles resistant to aromatic hydrocarbon solvents

**Respiratory:** Brush or Roller Application: Type A, Class 1 organic vapour (to AS1715) (eg 3M Easicare 5101/5201/5301 Type 1A).

Spray Application: Above, in conjunction with Class P1 particle filter

**Other:** Practice strict hygiene - wash before breaks and after finishing

**Flammability** Flammable liquid

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## Safe Handling Information

### Storage and Transport

Store away from heat, alkalis, foodstuffs and empty foodstuff containers and oxidising agents (such as chlorates, nitrates etc.) Remove container lids and bungs slowly to release any internal pressure. Isolate from sources of heat, naked flames or sparks. Ensure fittings are earthed and flame proofed. Ensure adequate ventilation. Explosive air-vapour mixture may form. Take precautions against static electricity and sparking.

### Spill

Remove all ignition sources. Isolate area. Recover free liquid. Absorb in dry inert material and place in sealable labelled drums. Avoid breathing vapours. Ventilate confined spaces or use breathing apparatus. Keep out of sewers and drains by diking or impounding. Advise authorities.

### Waste Disposal

Observe all Federal, State and Local regulations. Dispatch sealed labelled material to approved waste authority.

### Fire / Explosion Hazard

Explosion Limit Upper:	7.0%
Explosion Limit Lower:	0.9%
Dust Explosion Hazard:	N/A
Hazardous Decomposition Products:	Smoke, carbon monoxide
Hazardous Polymerisation Products/Reactions:	Unlikely
Extinguishing Media:	Foam, carbon dioxide, dry chemical. Cool drums with water spray
Other Precautions:	Fire fighter should wear self-contained breathing apparatus in fire situations.

### Contact Points

Nutech Paint Pty Ltd:	(03) 9775 1491
Poisons Information Centre:	131 126
Fire Brigade:	000
Ambulance:	000
Police:	000

### Key to Abbreviations

N/A	Not applicable
NAS	Not assigned
°C	Degrees Celsius
k/Pa	Kilopascals
m/min	

We cannot anticipate all conditions under which this information and our products may be used. Users are advised to make their own tests to determine the safety and suitability of each product. All information in this Data Sheet is as up to date as possible. No warranty expressed or implied is made to the accuracy, reliability or completeness of this data. Nutech assumes no responsibility for personal injury or property damage to vendors, users or third parties caused by the material. Such vendors or users assume all risks associated with the use of the material.