



## SAFETY DATA SHEET

### RONSEAL HARDWOOD GARDEN FURNITURE STAIN

#### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

<b>PRODUCT NAME</b>	RONSEAL HARDWOOD GARDEN FURNITURE STAIN
<b>SUPPLIER</b>	Ronseal Ltd Thornccliffe Park Chapelton Sheffield S35 2YP +44 (0) 114 246 7171 enquiry@ronseal.co.uk
<b>CONTACT PERSON</b>	srussell@ronseal.co.uk
<b>EMERGENCY TELEPHONE</b>	Tel +44 (0) 114 246 7171 (office hours only) Fax +44 (0) 114 245 5629

#### 2 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

#### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
poly(oxy-1,2-ethanediyl), a-methyl-w-[3-[1,3,3,3-tetramethyl-1-[(trimethylsilyl)oxy]disiloxany]propoxy]		27306-78-1	< 1%	Xn;R20/22. Xi;R36/38. N;R51/53.
PROPANE-1, 2-DIOL	200-338-0	57-55-6	2.5-10%	-

The Full Text for all R-Phrases are Displayed in Section 16

#### 4 FIRST-AID MEASURES

##### GENERAL INFORMATION

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

##### INHALATION

Remove to fresh air, keep the patient warm and at rest. If breathing has stopped administer artificial respiration. Give nothing by mouth. If unconscious, place in the recovery position and seek medical advice.

##### INGESTION

If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

##### SKIN CONTACT

Remove contaminated clothing. Wash skin thoroughly with soap and water, or use a proprietary skin cleanser. Do NOT use solvents or thinners. Seek medical advice if any irritation persists.

##### EYE CONTACT

Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart, and seek medical advice.

#### 5 FIRE-FIGHTING MEASURES

##### EXTINGUISHING MEDIA

This product is not flammable. Fire can be extinguished using: alcohol resistant foam, carbon dioxide (CO<sub>2</sub>), powder, water spray/ mist. Do not use water jet.

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## SPECIAL FIRE FIGHTING PROCEDURES

As the product contains combustible organic components, fire will produce dense black smoke containing hazardous of combustion (see Section 10). Exposure to decomposition products may be hazardous to health. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or watercourses. Appropriate self-contained breathing apparatus may be required.

## 6 ACCIDENTAL RELEASE MEASURES

### SPILL CLEAN UP METHODS

Exclude sources of ignition and ventilate the area. Exclude non-essential personnel. Avoid breathing vapours. Refer to protective measures listed in Section 7 and 8. Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth or vermiculite, and place in a suitable container for disposal in accordance with the waste regulations (see Section 13). Clean preferably with a detergent; avoid the use of solvents. If the product enters drains or sewers, immediately contact the local water company; in the case of contamination of streams, rivers or lakes, the relevant environment agency.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Avoid skin and eye contact. Smoking, eating and drinking should be prohibited in areas of storage and use. Avoid inhalation of vapour. Avoid inhalation of dust.

Where possible, wet flating methods or chemical strippers should be used to avoid the creation of dust. When dry flating cannot be avoided and effective local exhaust ventilation is not available, a suitable dust respirator to BS 2091, fitted with a particulate cartridge, and suitable for lead dust, should be worn.

Dusts should be contained and effectively and thoroughly cleaned up. Do not apply at temperatures below 10 C, or in high humidity.

For Occupational Exposure Controls, refer to Section 8.

The Manual Handling Operations Regulations may apply to the handling of containers/packages of this product.

### STORAGE PRECAUTIONS

Observe the label precautions. Keep in a cool, dry, well ventilated place, away from sources of heat, ignition and direct sunlight. No smoking. Store between 5°C and 25°C. Protect from frost. Store separately from oxidising agents and strongly alkaline and strongly acidic materials.

The principles contained in the HSE Guidance Note: Storage of Packaged Dangerous Substances, should be observed when storing this product.

To avoid the risk of spillage, always store and transport in a secure and upright position.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
PROPANE-1, 2-DIOL	WEL	150 ppm	474 mg/m <sup>3</sup>			

WEL = Workplace Exposure Limit.

### ENGINEERING MEASURES

Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and/or solvent vapours below the relevant occupational exposure limits, suitable respiratory protective equipment should be worn.

### RESPIRATORY EQUIPMENT

If exposure to hazardous substances identified above cannot be controlled by the provision of local exhaust ventilation and good general extraction, suitable respiratory protective equipment should be worn.

### HAND PROTECTION

When skin exposure may occur, advice should be sought from glove suppliers on appropriate types. Barrier creams may help to protect exposed areas of skin but are not substitutes for full physical protection. They should not be applied once exposure has occurred.

### EYE PROTECTION

Eye protection designed to protect against liquid splashes should be worn.

### OTHER PROTECTION

Cotton or cotton/synthetic overalls or coveralls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner. Do not use solvents or thinners as skin cleaning agents.

All personal protective equipment, including respiratory protective equipment, used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH Regulations.

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## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	Colour will vary dependent on individual shade.		
ODOUR	Low, inoffensive.		
SOLUBILITY	Miscible with water.		
FLASH POINT (°C)	> 60 CC (Closed cup).	VOLATILE ORGANIC COMPOUND (VOC)	50 g/litre

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable if stored under recommended storage and handling conditions.

### CONDITIONS TO AVOID

Keep away from oxidising agents and strongly alkaline and strongly acidic materials to prevent the possibility of exothermic reaction.

### HAZARDOUS DECOMPOSITION PRODUCTS

In a fire, hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide and alcohols may be produced.

## 11 TOXICOLOGICAL INFORMATION

### TOXICOLOGICAL INFORMATION

There is no data available on the product itself. The product has been assessed following the conventional method in CHIP and is classified for toxicological hazards accordingly. This takes into account, where known, delayed and immediate effects and also chronic effects from components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact. See Sections 3 and 15 for details of the resulting hazard classification.

### GENERAL INFORMATION

Contains small amounts of organic solvents. Extensive use of the product in areas with inadequate ventilation may result in hazardous vapour concentrations.

### INGESTION

This product contains an in-can biocide, may be harmful if swallowed. This product contains a film biocide; may be harmful if swallowed.

### SKIN CONTACT

Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

### EYE CONTACT

Splashes in the eyes may cause irritation and reversible local damage.

## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

The product has been assessed following the conventional method in CHIP and is not classified as dangerous for the environment.

### DEGRADABILITY

There is no data available on the product itself.

### ACUTE FISH TOXICITY

There is no data available on the product itself.

### WATER HAZARD CLASSIFICATION

There is no data available on the product itself. The product should not be allowed to enter drains or watercourses, or be deposited where it can affect ground or surface waters.

## 13 DISPOSAL CONSIDERATIONS

### DISPOSAL METHODS

Do not allow into drains or watercourses, or dispose of where ground or surface waters may be affected. Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act. Using information provided in this data sheet, advice should be obtained from the relevant waste authority on the classification of empty containers.

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## 14 TRANSPORT INFORMATION

<b>GENERAL</b>	This product is not classified as dangerous for carriage. Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that person's transporting the product know what to do in an accident or spillage.
	No transport warning sign required.
<b>UN NO. ROAD</b>	N/C

## 15 REGULATORY INFORMATION

### RISK PHRASES

NC Not classified.

### SAFETY PHRASES

S2 Keep out of the reach of children  
 S24/25 Avoid contact with skin and eyes.  
 S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
 S28 After contact with skin, wash immediately with plenty of water.  
 S51 Use only in well-ventilated areas.

### UK REGULATORY REFERENCES

This information contained in this data sheet is provided in accordance with the requirements of The Chemicals (Hazard Information and Packaging for Supply) Regulations [CHIP].

The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks as required by other health and safety legislation.

The provisions of the Health and Safety at Work etc. Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product at work.

The Manual Handling Operations Regulations

The Chemicals (Hazard Information and Packaging for Supply) Regulations.

The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations.

European Agreement concerning the International Carriage of Dangerous Goods by Road [ADR]

The VOCs in Paints, Varnishes and Vehicle Refinishing Products Regulations 2005.

### EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

### GUIDANCE NOTES

Workplace Exposure Limits EH40.

## 16 OTHER INFORMATION

### GENERAL INFORMATION

The information contained in this safety data sheet is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

The product should not be used for purposes other than those shown in section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

### PREPARATION OF SURFACES PRIOR TO FINISHING

# RONSEAL HARDWOOD GARDEN FURNITURE STAIN

Special precautions should be taken during surface preparation of pre-1960s paint surfaces over wood or metal as they may contain harmful lead.

Where possible, wet flatting methods or chemical strippers should be used to avoid the creation of dust. When dry flatting cannot be avoided and local exhaust ventilation is not available, a dust respirator to BS 2091, fitted with a particulate cartridge, and suitable for lead dust, should be worn.

People not involved with the work should be excluded from the area, until thorough cleaning has been carried out. Children and pregnant women should particularly be excluded.

Refer to the Control of Lead at Work Regulations regarding protective clothing and personal hygiene measures.

Dusts should be contained and effectively and thoroughly cleaned up.

For specific guidance contact Ronseal Technical Services. [Helpline +44 (0) 114 240 9469 ] ; Email: enquiry@ronseal.co.uk

**SDS NO.** 11196/0

## SAFETY DATA SHEET STATUS

Approved.

**DATE** 05-11-2009

## RISK PHRASES IN FULL

R20/22 Harmful by inhalation and if swallowed.

R36/38 Irritating to eyes and skin.

NC Not classified.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## DISCLAIMER

Information contained in this Safety Data Sheet is based on data considered to be accurate at the time of its preparation. Despite our efforts, it may not be up to date or applicable to the circumstances of any particular case. .

The supplier accepts no responsibility whatsoever (except otherwise provided in law) for any damage or injury resulting from abnormal use, from any failure to follow appropriate practices or from hazards inherent in the product.