



## SAFETY DATA SHEET

### THOMPSON'S SATIN PATIO & BLOCK PAVING SEAL

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

|                            |   |
|----------------------------|---|
| <b>PRODUCT NAME</b>        | THOMPSON'S SATIN PATIO & BLOCK PAVING SEAL  |
| <b>SUPPLIER</b>            | Ronseal Ltd<br>Thornccliffe Park<br>Chapelton<br>Sheffield S35 2YP<br>enquiry@ronseal.co.uk |
| <b>EMERGENCY TELEPHONE</b> | Tel +44 (0) 114 246 7171<br>Fax +44 (0) 114 245 5629  |

#### 2 HAZARDS IDENTIFICATION

Flammable. Irritating to respiratory system. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed. Repeated exposure may cause skin dryness or cracking.

**CLASSIFICATION** Xn;R65. Xi;R37. N;R51/53. R10, R66.

#### 3 COMPOSITION/INFORMATION ON INGREDIENTS

| Name   | EC No.    | CAS-No.    | Content | Classification                     |
|--|-----------|------------|---------|------------------------------------|
| 1,2,4-TRIMETHYLBENZENE                                       | 202-436-9 | 95-63-6    | 2.5-10% | R10 Xn;R20 Xi;R36/37/38 N;R51/53   |
| 4,5-dichloro-2-octyl-2H-isothiazol-3-one                     |           |            | < 1%    | T+;R26. Xn;R22. C;R34. N;R50. R43. |
| CUMENE   | 202-704-5 | 98-82-8    | < 1%    | R10 Xn;R65 Xi;R37 N;R51/53         |
| MESITYLENE   | 203-604-4 | 108-67-8   | 1-2.5%  | R10 Xi;R37 N;R51/53                |
| SOLVENT NAPHTHA (PETROLEUM) LIGHT AROM.; LOW BOILING NAPHTHA | 265-199-0 | 64742-95-6 | 10-25%  | Xn;R65. Xi;R37. N;R51/53.          |
| White Spirit   | 265-185-4 | 64742-82-1 | 50-100% | Xn;R65. N;R51/53. R10,R66.         |
| XYLENE   | 215-535-7 | 1330-20-7  | 1-2.5%  | R10 Xn;R20/21 Xi;R38               |

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

#### COMPOSITION COMMENTS

EU VOC limit value for this product (cat A/h) : 750g/l (2007) / 750g/l (2010).

#### 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.

# THOMPSON'S SATIN PATIO & BLOCK PAVING SEAL

## 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

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

### SPECIAL FIRE FIGHTING PROCEDURES

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

## 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

Vapours are heavier than air and may spread along floors. They may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentrations higher than the occupational exposure limits. Keep away from heat, sparks and open flame. Non-sparking tools should be used. Smoking, eating and drinking should be prohibited in areas of storage and use. Avoid skin and eye contact. Avoid inhalation of vapour. Avoid inhalation of dust.

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. Store between 5°C and 25°C. Keep in a cool, dry, well ventilated place, away from sources of heat, ignition and direct sunlight. No smoking. 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 |
|--|-----|-------------|----------------------------|---------------|----------------------------|-------|
| 1,2,4-TRIMETHYLBENZENE                                       | WEL | 25 ppm      | 125 mg/m <sup>3</sup>      |               |                            |       |
| CUMENE   | WEL | 25 ppm(Sk)  | 125 mg/m <sup>3</sup> (Sk) | 50 ppm(Sk)    | 250 mg/m <sup>3</sup> (Sk) |       |
| MESITYLENE   | WEL | 25 ppm      | 125 mg/m <sup>3</sup>      |               |                            |       |
| SOLVENT NAPHTHA (PETROLEUM) LIGHT AROM.; LOW BOILING NAPHTHA | SUP |             | 200 mg/m <sup>3</sup>      |               |                            |       |
| White Spirit   | SUP |             | 350 mg/m <sup>3</sup>      |               |                            |       |
| XYLENE   | WEL | 50 ppm(Sk)  | 220 mg/m <sup>3</sup> (Sk) | 100 ppm(Sk)   | 441 mg/m <sup>3</sup> (Sk) |       |

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.

# THOMPSON'S SATIN PATIO & BLOCK PAVING SEAL

## 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.

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.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

|                  |                              |                                 |             |
|------------------|------------------------------|---------------------------------|-------------|
| APPEARANCE       | Low viscosity liquid.        |                                 |             |
| COLOUR           | Colourless to pale straw.    |                                 |             |
| ODOUR            | Characteristic solvent type. |                                 |             |
| SOLUBILITY       | Immiscible with water.       |                                 |             |
| FLASH POINT (°C) | ~ 44 CC (Closed cup).        | VOLATILE ORGANIC COMPOUND (VOC) | 735 g/litre |

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable if stored under recommended storage and handling conditions.

### CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Keep away from oxidising agents and strongly alkaline and strongly acidic materials.

### HAZARDOUS DECOMPOSITION PRODUCTS

In a fire, hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide and oxides of nitrogen 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.

Exposure to organic solvent vapours in excess of the stated occupational exposure limit may result in adverse health effects such as irritation of the mucous membrane and the respiratory system and adverse effects on the kidney, liver and central nervous systems. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases loss of consciousness.

Solvents may cause some of the above effects by absorption through the skin.

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

### INGESTION

This product contains a film biocide; may be harmful if swallowed.

## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

The product has been assessed following the conventional method in CHIP and is classified for ecological hazards accordingly. See Sections 3 and 15 for details.

# THOMPSON'S SATIN PATIO & BLOCK PAVING SEAL

## 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.

## 14 TRANSPORT INFORMATION

### GENERAL

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.

Limited Quantity concessions may apply to the carriage of this product.



|                             |                             |                         |     |
|-----------------------------|-----------------------------|-------------------------|-----|
| <b>PROPER SHIPPING NAME</b> | Paint                       |                         |     |
| <b>UN NO. ROAD</b>          | 1263                        | <b>ADR CLASS NO.</b>    | 3   |
| <b>ADR CLASS</b>            | Class 3: Flammable liquids. | <b>ADR PACK GROUP</b>   | III |
| <b>UN NO. SEA</b>           | 1263                        | <b>IMDG PACK GR.</b>    | III |
| <b>EMS</b>                  | F-E; S-E                    | <b>MARINE POLLUTANT</b> |     |



## 15 REGULATORY INFORMATION

### LABELLING



Harmful



Dangerous for the environment

### CONTAINS

4,5-dichloro-2-octyl-2H-isothiazol-3-one  
SOLVENT NAPHTHA (PETROLEUM) LIGHT AROM.; LOW BOILING NAPHTHA  
White Spirit

### RISK PHRASES

|        |   |
|--------|---|
| R10    | Flammable.  |
| R37    | Irritating to respiratory system.   |
| R51/53 | Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |

# THOMPSON'S SATIN PATIO & BLOCK PAVING SEAL

- R65 Harmful: may cause lung damage if swallowed.  
R66 Repeated exposure may cause skin dryness or cracking.

## SAFETY PHRASES

- S2 Keep out of the reach of children  
S16 Keep away from sources of ignition - No smoking.  
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.  
S29 Do not empty into drains.  
S35 This material and its container must be disposed of in a safe way.  
S37 Wear suitable gloves.  
S46 If swallowed, seek medical advice immediately and show this container or label.  
S51 Use only in well-ventilated areas.  
S61 Avoid release to the environment. Refer to special instructions/safety data sheets.  
P14 Contains 4,5-dichloro-2-octyl-2H-isothiazol-3-one. May produce an allergic reaction.

## UK REGULATORY REFERENCES

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 Merchant Shipping (Dangerous Goods and Marine Pollutants) Regulations.

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.

## GUIDANCE NOTES

Occupational 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.

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

SDS NO. 11143/0

### SAFETY DATA SHEET STATUS

Approved.

# THOMPSON'S SATIN PATIO & BLOCK PAVING SEAL

DATE 11-12-2008

SIGNATURE S Russell

**RISK PHRASES IN FULL**

|           |   |
|-----------|---|
| R34       | Causes burns.   |
| R10       | Flammable.  |
| R20/21    | Harmful by inhalation and in contact with skin.   |
| R20       | Harmful by inhalation.  |
| R22       | Harmful if swallowed.   |
| R65       | Harmful: may cause lung damage if swallowed.  |
| R36/37/38 | Irritating to eyes, respiratory system and skin.  |
| R37       | Irritating to respiratory system.   |
| R38       | Irritating to skin.   |
| R43       | May cause sensitisation by skin contact.  |
| R66       | Repeated exposure may cause skin dryness or cracking.                                       |
| R51/53    | Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| R26       | Very toxic by inhalation.   |
| R50       | Very toxic to aquatic organisms.  |

**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 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.