

**Section 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Product name:** SHELLAC SANDING SEALER

**Product code:** SANS

**Synonyms:** SHELLAC SANDING SEALER

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**1.3. Details of the supplier of the safety data sheet**

**Company name:** Rustins Ltd

Waterloo Road

Cricklewood

London

NW2 7TX

United Kingdom

**Tel:** +44 (0)208 450 4666

**Fax:** +44 (0)208 452 2008

**Email:** rustins@rustins.co.uk

**1.4. Emergency telephone number**

**Section 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification under CHIP:** F: R11

**Most important adverse effects:** Highly flammable.

**2.2. Label elements**

**Label elements under CHIP:**

**Hazard symbols:** Highly flammable.



**Risk phrases:** R11: Highly flammable.

**2.3. Other hazards**

**PBT:** This substance is not identified as a PBT substance.

**Section 3: Composition/information on ingredients**

**SAFETY DATA SHEET**  
SHELLAC SANDING SEALER

Page: 2

**3.2. Mixtures**

**Hazardous ingredients:**

ETHANOL

EINECS	CAS	CHIP Classification	CLP Classification	Percent
200-578-6	64-17-5	F: R11	Flam. Liq. 2: H225	50-70%

METHANOL

200-659-6	67-56-1	F: R11; T: R23/24/25; T: R39/23/24/25	Flam. Liq. 2: H225; Acute Tox. 3: H331; Acute Tox. 3: H311; Acute Tox. 3: H301; STOT SE 1: H370	1-10%
-----------	---------	---------------------------------------	---	-------

**Section 4: First aid measures**

**4.1. Description of first aid measures**

- Skin contact:** Remove contaminated clothing. Wash skin thoroughly with soap and water. Do NOT use solvents or thinners. If irritation persists seek medical attention.
- 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.
- Ingestion:** Do not induce vomiting. Wash out mouth with water. Get medical attention immediately.
- Inhalation:** Remove to fresh air, keep the patient warm and at rest. If there is difficulty in breathing, properly trained personnel may administer oxygen. If breathing has stopped, administer artificial respiration (NOT mouth to mouth). Give nothing by mouth if unconscious, place in the recovery position and seek medical attention.

**4.2. Most important symptoms and effects, both acute and delayed**

- Skin contact:** Irritation. Repeated or prolonged contact may cause defatting of the skin leading to irritation and dermatitis.
- Eye contact:** Irritation, reddening and transient corneal damage.
- Ingestion:** May cause dizziness, loss of coordination, loss of consciousness, temporary or permanent blindness, coma and death.
- Inhalation:** There may be irritation of nose, throat and respiratory tract. Dizziness, loss of coordination, nausea and vomiting may occur.

**4.3. Indication of any immediate medical attention and special treatment needed**

**Section 5: Fire-fighting measures**

**5.1. Extinguishing media**

**Extinguishing media:** Water spray, fog or mist. Do NOT use water jet. Carbon dioxide (CO<sub>2</sub>). Dry chemical powder. Alcohol resistant foam. Sand or earth.

**5.2. Special hazards arising from the substance or mixture**

**Exposure hazards:** Highly flammable. May explode in a fire. Solvent vapours may form explosive mixtures

[cont...]

# SAFETY DATA SHEET

## SHELLAC SANDING SEALER

Page: 3

with air. The vapour is heavier than air and may travel along the ground, collect in work pits and cellars, creating a fire and respiratory hazard. Vapour explosion and poison hazard indoors, outdoors and in sewers. In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear protective clothing to prevent contact with skin and eyes. Wear self-contained breathing apparatus. Cool closed containers exposed to fire with water spray. Do NOT allow run-off from fire fighting to enter drains or water courses.

## Section 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions:** Ventilate the area. Eliminate all sources of ignition. No Smoking. Avoid inhaling vapour. The vapour is heavier than air and may collect in confined areas creating a respiratory and explosion hazard. Do not attempt to take action without suitable protective clothing (see section 8). Mark out the contaminated area with signs and prevent access to unauthorised personnel.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. If the product enters drains or sewers, the local water company should be contacted immediately. In the case of contamination of streams, rivers or lakes contact the relevant environment agency. Vapour explosion and poison hazard indoors, outdoors and in sewers.

### 6.3. Methods and material for containment and cleaning up

**Clean-up procedures:** Contain and collect spillages with non-combustible absorbent materials, e.g. sand, earth, vermiculite. Transfer into a suitable container for disposal in accordance with the waste regulations (see section 13) Do not use equipment in clean-up procedure which may produce sparks. Clean preferably with a detergent, avoid the use of solvents.

### 6.4. Reference to other sections

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Ensure there is sufficient ventilation of the area. Avoid inhalation of vapour. Avoid skin and eye contact. Smoking, eating and drinking should be prohibited in areas of storage and use. Emergency shower and eye wash facilities should be readily available. Exclude sources of heat, sparks and open flame. Earth any equipment used in handling. Use non-sparking tools. The Manual Handling Operations Regulations may apply to the handling of containers of this product.

[cont...]

# SAFETY DATA SHEET

SHELLAC SANDING SEALER

Page: 4

## 7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed. Keep away from direct sunlight. Exclude sources of heat, sparks and open flame. Take precautionary measures to prevent product spills into drains, the ground or waters. Further guidance is contained in the HSE guidance note Storage of Flammable Liquids in Containers.

**Suitable packaging:** Ideally, keep in original container. If transfer is necessary use glass or coated steel containers. Do NOT store in lead, zinc, tin or aluminium.

## 7.3. Specific end use(s)

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Hazardous ingredients:**

**ETHANOL**

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1920 mg/m <sup>3</sup>	-	-	-

**METHANOL**

UK	266 mg/m <sup>3</sup>	333 mg/m <sup>3</sup>	-	-
----	-----------------------	-----------------------	---	---

### 8.2. Exposure controls

**Engineering measures:** Provide adequate ventilation. 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 (see Respiratory protection below).

**Respiratory protection:** If there is a risk of exposure to high vapour concentrations, use respiratory protective equipment. 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.

**Hand protection:** Wear Nitrile gloves.

**Eye protection:** Eye protection designed to protect against liquid splashes should be worn. Ensure eye bath is to hand.

**Skin protection:** Overalls are normally suitable, PVC apron if risk of splashing.

## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**State:** Liquid

**Colour:** Milky light brown.

**Odour:** Alcoholic

[cont...]

**SAFETY DATA SHEET**  
SHELLAC SANDING SEALER

Page: 5

**Solubility in water:** Partially miscible.

**Viscosity:** Viscous

**Boiling point/range °C:** 78

**Flash point °C:** 12

**Relative density:** 0.911 @ 20 C

**9.2. Other information**

**Other information:** Not applicable.

**Section 10: Stability and reactivity**

**10.1. Reactivity**

**10.2. Chemical stability**

**Chemical stability:** Stable under normal storage and handling conditions (see Section 7).

**10.3. Possibility of hazardous reactions**

**10.4. Conditions to avoid**

**Conditions to avoid:** Avoid heat, flames and sparks. Direct sunlight.

**10.5. Incompatible materials**

**Materials to avoid:** Strong acids. Strong oxidising agents.

**10.6. Hazardous decomposition products**

**Haz. decomp. products:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

**Section 11: Toxicological information**

**11.1. Information on toxicological effects**

**Toxicity values:** Not applicable.

**Symptoms / routes of exposure**

**Skin contact:** Irritation. Repeated or prolonged contact may cause defatting of the skin leading to irritation and dermatitis.

**Eye contact:** Irritation, reddening and transient corneal damage.

**Ingestion:** May cause dizziness, loss of coordination, loss of consciousness, temporary or permanent blindness, coma and death.

**Inhalation:** There may be irritation of nose, throat and respiratory tract. Dizziness, loss of coordination, nausea and vomiting may occur.

**Section 12: Ecological information**

**12.1. Toxicity**

**Ecotoxicity values:** Not applicable.

**12.2. Persistence and degradability**

**Persistence and degradability:** Expected to be biodegradable.

[cont...]

**SAFETY DATA SHEET**  
SHELLAC SANDING SEALER

Page: 6

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** Not expected to bioaccumulate.

**12.4. Mobility in soil**

**Mobility:** Partially soluble in water. Partially volatile. Partially absorbed into soil. The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.

**12.5. Results of PBT and vPvB assessment**

**PBT identification:** This substance is not identified as a PBT substance.

**12.6. Other adverse effects**

**Other adverse effects:** It is unlikely this material will present an environmental hazard.

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**Section 14: Transport information**

**14.1. UN number**

**UN number:** UN1263

**14.2. UN proper shipping name**

**14.3. Transport hazard class(es)**

**Transport class:** 3

**14.4. Packing group**

**14.5. Environmental hazards**

**Environmentally hazardous:** No

**Marine pollutant:** No

**14.6. Special precautions for user**

**Section 15: Regulatory information**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**15.2. Chemical Safety Assessment**

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

**Section 16: Other information**

[cont...]

**SAFETY DATA SHEET**  
SHELLAC SANDING SEALER

Page: 7

**Other information**

**Other information:** The product complies with the requirements of the Toy Safety Regulations, BS EN 71 Part 3 1995. A certificate of conformity can be supplied upon request.

**Phrases used in s.2 and 3:** H225: Highly flammable liquid and vapour.  
H301: Toxic if swallowed.  
H311: Toxic in contact with skin.  
H331: Toxic if inhaled.  
H370: Causes damage to organs <or state all organs affected, if known> <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.  
R11: Highly flammable.  
R23/24/25: Toxic by inhalation, in contact with skin and if swallowed.  
R39/23/24/25: Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product. 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.