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MATERIAL SAFETY DATA SHEET
According to 1907/2006/EC, Article 31

Shellac Sanding Sealer (All strengths)

Section 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

- 1.1 Product Identifier**
Product name: Shellac Sanding Sealer (All strengths)
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
Identified use(s): Coating
- 1.3 Details of the supplier of the safety data sheet**
Smith & Rodger Limited
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- 1.4 Emergency telephone number:** +44 (0) 141 2486341 Mon-Fri 9.00am – 5.00pm

Section 2 HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture**
Classification according to EC regulation 1272/2008 (CLP):
Flam.Liq.2: H225;

Classification according to directive 67/548/EEC:

F; R11

Symbols: F: Highly flammable.

Main Hazards: Highly Flammable

- 2.2 Label elements**
Labelling (CLP)



Signal Word **Danger**

Hazard Statements Flam. Liq.2: H225 Highly flammable liquid and vapour.

Precautionary Statements

- | | |
|--------------------|--|
| P210 | Keep away from heat/sparks/open flames/hot surfaces.
– No Smoking. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection |
| P303 + P361 + P353 | IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. |

P403+P235 Store in a well-ventilated place. Keep cool.

2.3 Other hazards No date is available on this product

Section 3 COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Reg.No.	Conc (%w/w)	Classification	M-factor
Ethanol	603-002-00-5	64-17-5	200-578-6		60 – 70%	F;R11	
Methanol	6003-001-00-X	67-56-1	200-659-6		0.5 – 1%	F;R11 T; R23/24/25-39/23/24/25	

EC 1272/2008

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Methanol	6003-001-00-X	67-56-1	200-659-6		0.5 – 1%	Flam.Liq.2: H225; Acute Tox.3: H331; Acute Tox.3: H311; Acute Tox.3.H301; STS SE 1: H370	

Section 4 FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation: Move the expose person to fresh air.
Skin contact: Wash off immediately with plenty of soap and water. Remove contaminated clothing
Eye contact: Rinse immediately with plenty of water for 15 minutes holding the eyelids open.
Ingestion: Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation: May cause coughing, tightness of chest and irritation to respiratory system.
Skin contact: May cause irritation to skin
Eye contact: May cause irritation to eyes.
Ingestion: May cause nausea and vomiting.

4.3 Indication of any immediate medical attention and special treatment needed

Inhalation: If you feel unwell, seek medical advice (show label where possible).
Skin contact: Seek medical attention
Eye contact: Seek medical attention.
Ingestion: If you feel unwell, seek medical advice (show label where possible).

Section 5 FIRE FIGHTING MEASURES

5.1 Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions

5.2 Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

5.3 Advice for fire fighters

Use personal protective equipment. Wear self-contained breathing apparatus and protective clothing.

Section 6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area. Avoid contact with skin and eyes.

6.2 Environmental precautions

Do not allow material to enter drains. Prevent further spillage if safe.

6.3 Methods and material for containment and cleaning up

Transfer to suitable, labelled containers for disposal, Clean spillage area thoroughly with plenty of water.

6.4 Reference to other sections

For personal protection see section 8 and disposal considerations section 13.

Section 7 HANDLING AND STORAGE

7.1 Precautions for safe handling

Ensure adequate ventilation of the working area. Avoid contact with skin and eyes. Adopt best manual handling considerations when handling, carrying and dispensing.

7.2 Conditions for safe storage, including incompatibilities

Keep container tightly closed in a cool, well ventilated place. Store correctly labelled containers.

7.3 Specific end uses

See section 1.2 Relevant identified uses of the substance or mixture and uses advised against for further information.

Section 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Control parameters

Occupation exposure controls.

Exposure Limit Values		
Ethanol	WEL 8-hr limit ppm: 1000 WEL 15 min limit ppm: - WEL 8-hr limit mg/m3 total: - Inhalable dust: - WEL 8-hr limit mg/m3 total: - Respirable dust: -	WEL 8-hr limit ppm: 1920 WEL 15 min limit ppm: - WEL 15 min limit mg/m3 total: - Inhalable dust: - WEL 15 min limit mg/m3 total: - Respirable dust: -
Methanol	WEL 8-hr limit ppm: 200 WEL 15 min limit ppm: 250 WEL 8-hr limit mg/m3 total: - Inhalable dust: - WEL 8-hr limit mg/m3 total: - Respirable dust: -	WEL 8-hr limit ppm: 266 WEL 15 min limit ppm: 333 WEL 15 min limit mg/m3 total: - Inhalable dust: - WEL 15 min limit mg/m3 total: - Respirable dust: -

8.2 Exposure controls

Appropriate engineering controls

Provide sufficient air exchange and/or exhaust in work rooms.

Personal protective equipment

Individual protection measures

Wear protective clothing

Respiratory protection: Wear suitable respiratory equipment when necessary.

Hand/Skin protection: Wear suitable gloves and suitable protective clothing

Eye protection: Approved safety goggles.

Hygiene measures: Take off all contaminated clothing immediately.

Occupational exposure controls
Keep away food, drink and animal feeding stuffs..

Section 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical State:	Liquid
Colour:	Cloudy White
Odour:	Pungent
Odour threshold:	No data available
PH:	No data available
Melting point / melting range:	No data available
Flash Point / flash point range:	12°C
Lower explosive limit:	ca 3.5% (v)
Higher explosive limit:	ca 15% (v)
Vapour pressure (20°C):	No data available
Relative vapour density(20°C):	No data available
Density (20°C):	ca. 0.8 g- 0.93/cm ³
Water solubility:	Insoluble in water
Partition coefficient	Log Pow: 0.35
Autoignition temperature:	363 °C
Relative density:	0.8 (H2O = 1@20oC)
Viscosity:	No data available
Explosive properties:	No data available
Freezing point:	No data available
Initial boiling point	75-78oC

9.2 Other information
VOC (Volatile Organic Compounds) 749

Section 10 STABILITY AND REACTIVITY

- 10.1 Reactivity Stable under normal conditions.
- 10.2 Chemical stability Stable under normal conditions.
- 10.3 Possibility of hazardous reactions
No data available
- 10.4 Conditions to avoid No data available.
- 10.5 Incompatible materials No data available
- 10.6 Hazardous decomposition products
No data available
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Section 11 TOXICOLOGICAL INFORMATION

- 11.1 Information on toxicological effects
- Skin corrosion/irritation: May cause irritation to skin
- Serious eye damage / eye irritation:
May cause irritation to eyes

11.1.4. Toxicological Information No data available

Section 12 ECOLOGICAL INFORMATION

12.2 Persistence and degradability

No data is available on this product

12.3 Bio accumulative potential

No data is available on this product

Partition Coefficient

Shellac Sanding Sealer 0.35 log P

Section 13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose of in compliance with all local and national regulations

Section 14 TRANSPORT INFORMATION

Hazard pictograms



14.1 UN Number

UN1263

14.2 UN proper shipping name

PAINT RELATED MATERIAL

14.3 Transport hazard class

ADR, RID, IMDG, IATA: 3

Subsidiary risk:

-

14.4 Packing group

II

14.5 Environmental hazards

No

Marine pollutant

No

14.6 Special precautions for user

No data available on this product

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available on this product

ADR/RID

Hazard ID

33

Tunnel Category

(D/E)

IMDG

EmS Code

F-E-S-E

IATA

Packing Instruction
(Cargo)

364

Maximum Quantity

60L

Packing Instruction
(Passenger) 353
Maximum Quantity 5L

Section 15 REGULATORY INFORMATION

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

Regulations

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

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending regulation (EC) No 1907/2006 of the European Parliament and of the Council on 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, 93/105/EC and 2000/21/EC

15.2 Chemical safety assessment

No data available on this product

16 OTHER INFORMATION

Full text of R-phrases to under sections 3.

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.

Full text of H-Statements referred to under sections 3.

Flam/Liq.2: H225	Highly flammable liquid and vapour
Acute Tox.3: H301	Toxic if swallowed
Acute Tox.3: H311	Toxic in contact with skin
Acute Tox.3: H331	Toxic if inhaled
STOT SE 1: H370	Causes damage to organs

Maximum content of VOC 749

Exclusion of Liability

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Health and Safety

This Material Safety Data Sheet has been issued describing the health, safety and environmental properties of this product, identifying the potential hazards and giving advice on the handling precautions and emergency procedures. This must be consulted fully before handling, storage and use.