

SAFETY DATA SHEET

Compliant with REACH Regulation (EU) 2020/878

SECTION 1: IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY:

Trade Name:	Application:	Manufacturer/Supplier:
Roberson Clear Shellac Varnish	Gilding and Wood Varnish Auxiliary	C. Roberson & Co Ltd Unit 1, 89-91 Scrubs Lane London NW10 6QU Phone: +44 (0) 20-7272 0567 Fax: +44 (0) 20-7263 0212

SECTION 2: HAZARDS IDENTIFICATION: Regulation (EC) No 1272/2008)

H225: Highly flammable liquid and vapour (Category 2)

H312: Harmful in contact with skin (Category 4)

H302: Harmful if swallowed (Category 4)

H332: Harmful if inhaled (Category 4)

H371: May cause damage to organs (Category 2)

Label elements: (Labelling according to Hazards Pictograms:



Signal Word: Danger

Prevention:

Precautionary statements:

P363 – Wash contaminated clothing before re- use

P403 – Store in a well ventilated place

P405 – Store locked up

P101 – If medical advice is needed, have product container or label at hand.

P210 – Keep away from heat/sparks/open flames/hot surfaces. – No Smoking.

P102 – Keep out of reach of children.

P103 – Read label before use.

P262 – Do not get in eyes, on skin, or on clothing.

P233 Keep container tightly closed.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS:

De-Waxed Shellac Resin in a solution on Methylated Spirit.

Main components:

Ethanol (CAS 64-17-5, EC 200-578-6): 91–99% H225

Methanol (CAS 67-56-1, EC 200-659-6): 3–8% H225, H371, H331

SECTION 4: FIRST AID MEASURES

Eye contact:

Irrigate thoroughly for 15 minutes with clean running water or a boric saline eye wash bottle. Seek medical attention should eye irritation persist or become inflamed.

Inhalation:

Avoid working in a poorly ventilated, confined space. Remove to fresh air and rest. If irritation or

Skin contact:

Wash off skin with warm soapy water. Remove contaminated clothing and launder regularly. Prolonged and unattended contact should be avoided. Where irritation to skin is apparent seek medical attention.

Ingestion:

Clean out mouth with copious volumes of water and drink plenty. Do not induce vomiting. Beware of aspiration if vomiting occurs. Seek prompt medical attention and show this data sheet.

Acute & Chronic symptoms:

Inhalation:

Vapours inhaled in strong concentration have a narcotic effect on the central nervous system.

Ingestion:

May cause stomach pain or vomiting. Drowsiness, dizziness, disorientation, vertigo. Central nervous system depression. Ingestion may result in unconsciousness, blindness and death.

Skin contact:

Prolonged and unattended contact should be avoided. Where irritation to skin is apparent seek medical attention.

Eye contact:

Irritating and may cause redness and pain. May cause blurred vision and serious eye damage.

Immediate medical attention

Symptoms and effects of ingestion may be delayed for 18 to 24 hours and in some cases up to 72 hours. Ingestion of methanol may cause acidosis and damage to vision

SECTION 5:

FIRE FIGHTING MEASURES

Extinguishing media:

Dry powder; Foam, CO2 – Do not use water jets

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Personal protection:** Ventilate area and eliminate all sources of ignition. Wear personal protective equipment recommended in section 8.
- Environmental precautions:** Do not allow spill to enter drains or watercourses. Form a dam with sand, earth or a boom. Absorb, bund and scrape spillages onto sand, sawdust or absorbent granules.
- Spill removal methods:** Confine residues in clearly marked sealed containers for disposal in accordance with Local Authority regulations for highly flammable products – subject to special waste management controls.
- References to other sections:** Wear protective clothing as described in Section 8 of this safety data sheet. See section 11 for additional information on health hazards. For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

- Precaution for safe handling:** Eliminate all sources of ignition. Risk of vapour concentration on the floor and in low-lying areas. Static electricity and formation of sparks must be prevented. Use explosion proof electric equipment. Wear full protective clothing for prolonged exposure and/or high concentrations. Contaminated clothing and shoes must be discarded. Contaminated rags and cloths must be put in fireproof containers for disposal. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.
- Safe handling precautions:**
- Safe storage condition:** Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container. Take precautionary measures against static discharges.
- Incompatible materials:** Keep away from oxidisers, heat and flames. May attack some plastics, rubber and coatings
- Specific end uses:** The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Substance	8 hour exposure limit	15 minute exposure limit	Source. Type:
ETHANOL	1920 mg/m ³		
Methanol	266 mg/m ³	333 mg/m ³	

Exposure controls.

- Engineering controls:** Provide adequate general and local exhaust ventilation.
- Respiratory protection:** No specific recommendation is made, but appropriately specified respiratory protection must be used if the general level exceeds the recommended occupational exposure limit. Recommended Filter type: A
- Hand protection:** Protective gloves must be used. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material. Use protective gloves made of nitrile.
- Eye protection:** BS 2092 approved safety Goggles should be worn for all applications to help prevent accidental face/eye contact.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Other Protection Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

Hygiene measures: DO NOT SMOKE IN WORK AREA!
Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated..

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Environmental exposure controls Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration. Local authorities should be advised if significant spillages cannot be contained. If the product contaminates rivers and lakes or drains inform respective authorities.

General advice:

Information on basic physical and chemical properties.

Form:	liquid
Colour:	Clear Brown Liquid
Odour:	Alcoholic
Odour Threshold:	Lower
pH:	n/a
Melting point:	n/a
Boiling point:	~78°C
Flash point: 25 °C	12°C
Evaporation rate:	n/a
Upper/Lower Flam limits:	19.0% – 3.5%
Vapour pressure:	n/a
Vapour density:	n/a
Relative density:	0.805–0.825 g/cm ³
Water solubility:	Miscible with water
Solubility in oils:	
Partition coefficient (Kow):	n/a
Auto-ignition temperature:	>365
Decomposition temperature:	n/a
Surface tension:	n/a
Viscosity:	n/a

SECTION 10: STABILITY AND REACTIVITY

Conditions to avoid:	Sources of ignition. Avoid static discharge.
Incompatible Materials:	Acids & Oxidising agents
Decomposition hazards:	Fire creates toxic fumes
Reactivity:	Stable except when ignited
Chemical reactivity:	Stable under the prescribed storage conditions.

Risk of hazardous reaction None under normal use

SECTION 11: TOXICOLOGICAL INFORMATION

Routes of Exposure: Inhalation, skin contact, ingestion Toxic Effects:

LD50 (oral, rat) ethanol: ~7060 mg/kg

STOT: CNS, vision, kidneys (methanol)

Sensitisation: Not expected

Aspiration Hazard: Yes (methanol presence)

Eye damage/
irritation: Burning feeling and temporary redness.

Reproductive
toxicity: n/a

STOT single exposure:

STOT repeat
exposure: Target Organs – Central nervous system Respiratory system, lungs

Skin Corrosivity /
Irritation: May cause de-fatting of the skin,

Respiratory/skin sensitisation:

Germ cell Mutagenicity:

Carcinogenicity: No evidence of carcinogenic properties

Aspiration hazard: Avoid vomiting and normal rinse of stomach because of risk of aspiration

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: LC50 96 hours ~ >2000

Bio-accumulative
potential: Negligible due to high volatility

Persistence & degradability: The substance is readily biodegradable.

PBT and vPvB result:

Other adverse
effects: n/a

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Treatment Methods: Disposal to licensed waste disposal site in accordance with the local Waste Disposal.

Waste is suitable for incineration. Rags and the like, moistened with flammable liquids, must be discarded into designated fireproof bucket. Where possible packaging should be collected for reuse or recycling.

SECTION 14: TRANSPORT INFORMATION

Transport Labels:



Regulatory Code (Land, Sea & Air):	ADR	IMDG	ICAO
UN No	1170	1170	1170
Proper shipping name:	ETHANOL SOLUTION	ETHANOL SOLUTION	ETHANOL SOLUTION
ADR Packing Group	II	II	II
Transport Hazard Class	Class 3: Flammable liquids	3	3
Environmental hazards.	n/a	n/a	n/a
Special user precautions	Emergency Action Code 2YE		HAZCHEM CODE 2YE
Transport in bulk – IBC code	HAZARD No. (ADR) 33	Tunnel Restriction Code (D/E)	

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations / legislation specific for the substance or mixture: All components are listed as existing substances in Europe

UK Regulatory References:

Health and Safety at Work Act 1974. The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments. Chemicals (Hazard Information & Packaging) Regulations. Environmental Listing – Control of Pollution Act 1974. Control of Pollution (Special Waste Regulations) Act 1980.

Statutory Instruments:

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Approved Code Of Practice Classification and Labelling of Substances and Preparations Dangerous for Supply.

Guidance Notes:

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

EU Legislation:

Dangerous Substance Directive 67/548/EEC. 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. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

National Regulations:

Users of this product are reminded of their duties under the current Control of Substances Hazardous to Health Regulations and a suitable and sufficient assessment of all the risk should be undertaken before using this product. The guidelines given in the HSE publication COSHH ESSENTIALS – Easy Steps To Control Chemicals gives sound advice for deciding safe working control measures.

SECTION 15: REGULATORY INFORMATION

Authorisations (Title VII Regulation 1907/2006) - No specific authorisations are noted for this product.

Restrictions (Title VIII Regulation 1907/2006) - No specific restrictions of use are noted for this product.

Chemical safety assessment A chemical safety assessment has not been carried out for this product.

SECTION 16: OTHER INFORMATION:

Last revision date: June 2025

SDS No.: 102

List of abbreviations used in this SDS: CAS – Chemical abstracts service
CLP – Classification, labelling & packaging regulation (EC) No. 1272/2008 DSD – Dangerous substances Directive 67/548/EEC DPD – Dangerous Products Directive 1999/45/EC PBT – Persistent, Bio-accumulative & Toxic

REACH – Registration, Evaluation, Authorisation & Restriction of Chemicals Regulation (EC)1907/2006

vPvB – Very Persistent, very Bio-accumulative

References: Volume VII Approved supply list; EH40; Croner; Bulk supplier data sheets

Classification methods: H Phrases in section 3: H225 – Highly Flammable liquid and vapour. H319 – Causes serious eye irritation H302 – Harmful if swallowed

H336 – May cause drowsiness or dizziness H332 – Harmful if inhaled

Training for workers:

Disclaimer:

The information supplied in this safety data sheet is intended to assist in the use of the above product

without risk to safety and health and is based on current knowledge and experience of the associated

physico-chemical hazards. The data does not signify any warranty with regard to the product's properties.

This information may be used to assist in formulating a COSHH risk assessment if applied at work.

This data sheet complies with EC Directive 91/155EC.