

SAFETY DATA SHEET

SHELLAC POLISHES

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

PRODUCT NAME: SHELLAC POLISHES

PART No.: 3239000

APPLICATIONS: Finish Coat for Timber Substrates

SUPPLIER: Fiddes & Son Ltd
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2. COMPOSITION/INFORMATION ON INGREDIENTS:

INGREDIENT NAME:	CAS No.:	CONTENT	HEALTH:	RISK:
ETHANOL	64-17-5	60-100 %		

COMPOSITION COMMENTS:

This product contains substances that present a health hazard within the meaning of the Dangerous Substances Directive and the Chemicals (Hazard Information and Packaging) Regulations (CHIP) or have occupational exposure limits detailed in EH40.

3. HAZARDS IDENTIFICATION:

Highly flammable.

4. FIRST AID MEASURES:

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

INHALATION: Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention. If breathing is irregular or stopped, trained personnel may give artificial respiration. Give nothing by mouth. If unconscious place in recovery position, and seek medical attention.

INGESTION: Get medical attention immediately! Rinse mouth thoroughly. Provide rest, warmth and fresh air. If conscious, give water or milk to dilute chemical and seek medical attention. **DO NOT INDUCE VOMITING!**
NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS!

SKIN: Remove affected person from source of contamination. Remove contaminated clothing and launder before reuse. Wash immediately with soap and water DO NOT use solvent or thinners
Get medical attention if any discomfort continues.

EYES: Remove victim immediately from source of exposure.
Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

5. FIRE FIGHTING MEASURES:

EXTINGUISHING MEDIA:

Use: Carbon dioxide (CO₂), alcohol resistant foam dry powder water spray/mist/fog
DO NOT use Water jets

SPECIAL FIRE FIGHTING PROCEDURES:

Fire will produce black smoke of hazardous decomposition products Wear self contained breathing apparatus with full face piece in pressure demand or other positive pressure mode if exposure is likely.
Use water spray to cool fire exposed surfaces and protect personnel. Do not allow run off from fire-fighting to enter drains\water courses

UNUSUAL FIRE & EXPLOSION HAZARDS:

May develop highly toxic or corrosive fumes if heated.
Vapours are heavier than air and may spread near ground to sources of ignition.

PROTECTIVE MEASURES IN FIRE:

Wear self contained breathing apparatus and full protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES:

PERSONAL PRECAUTION IN SPILL:

Wear suitable protective clothing, gloves and safety goggles. Refer to Section 8 for more detailed information.

PRECAUTIONS TO PROTECT ENVIRONMENT:

Prevent access to drains, sewers, waterways and soil. Inform local authorities of large spillages where there is contamination of water courses.

SPILL CLEANUP METHODS:

Warn others of the dangers present and exclude non-essential personnel.
Clean-up personnel should use respiratory and/or liquid contact protection.
Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Floors may become slippery.
Contain spillage with suitable inert material (Sand or Vermiculite). Transfer to suitable container for disposal.
Wash spillage site with water and detergent. If spill enters surface water drains, inform Fire and Water services.

7. HANDLING AND STORAGE:

USAGE PRECAUTIONS:

Vapours are heavier than air and may spread forming explosive mixtures. Keep away from heat, sparks and open flame. All electrical equipment used should be explosion proof.

Avoid spilling, skin and eye contact. Avoid inhalation of vapour\spray, use personal protective equipment if exposure limits can't be controlled with forced or natural ventilation. The use of barrier cream on exposed skin is recommended. Do NOT use solvents for washing skin. When using do not eat, drink or smoke.

Never use pressure to empty; the container is not a pressure vessel. Always keep in containers of the same material as the supply container.

STORAGE PRECAUTIONS:

Store away from all sources of heat sparks and exposed flames. Keep in cool, dry, ventilated storage and closed containers. Keep containers tightly closed. Store in accordance with the Petroleum (Consolidation) Act if the flashpoint is <21°C, or the Highly Flammable Liquids & Liquefied Petroleum Gases Regulations if the flashpoint is between 21°C and 32°C.

STORAGE CRITERIA:

Flammable liquid storage.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

INGREDIENT NAME:	CAS No.:	STD:	LT EXP. 8 HRS:	ST EXP. 15 MIN:
ETHANOL	64-17-5	OES.	1000 ppm	No std.

INGREDIENT COMMENTS:

OES = Occupational Exposure Standard.

PROTECTIVE EQUIPMENT:

VENTILATION: Provide adequate ventilation. Where reasonably practicable this should be achieved by local exhaust ventilation. If this is insufficient to maintain vapours below the exposure limits then respiratory equipment should be worn. (See Respirators)

RESPIRATORS: Exposure should be avoided/controlled by ventilation or extraction. If exposure limits are likely to be exceeded Wear Chemical respirator with Organic Vapour Cartridge. During spraying operations always Wear Supplied air respiratory protection.
Dry sanding, flame cutting and/or welding of the dry paint film will give rise to dust and/or hazardous fumes. Wet sanding should be used wherever possible. If exposure cannot be avoided by the provision of local exhaust ventilation, suitable respiratory protective equipment should be worn.

PROTECTIVE GLOVES:

Use protective gloves made of: Polyvinyl alcohol (PVA). Viton rubber (fluor rubber).
A barrier cream is recommended but NOT as a substitute for gloves.

EYE PROTECTION:

Wear approved eye protection according to BS 2092 or equivalent standard.

OTHER PROTECTION:

Cotton or cotton/synthetic overalls or coveralls are normally suitable.

HYGIENIC WORK PRACTICES:

Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. No eating or drinking while working with this material. DO NOT SMOKE IN WORK AREA!

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE: Liquid.
SOLUBILITY DESCRIPTION: Immiscible with water.
VAPOUR DENSITY (air=1): GREATER 1
FLASH POINT (°C): BELOW 21 DEG C **METHOD:**

10. STABILITY AND REACTIVITY:

STABILITY: Stable under normal usage conditions.

CONDITIONS TO AVOID:
Avoid heat, flames and other sources of ignition.

MATERIALS TO AVOID:
Strong oxidizing agents. Strong acids. Strong alkalies.

HAZARDOUS DECOMP. PRODUCTS:
Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).

11. TOXICOLOGICAL INFORMATION:

INHALATION: May cause irritation to mucous membranes and respiratory tract. May cause adverse effects on the central nervous system.

INGESTION: May cause dizziness, headaches, nausea, sickness, vomiting and diarrhoea.

SKIN: Prolonged or repeated contact may cause defatting of the skin resulting in irritation and/or dermatitis.

EYES: May cause moderate irritation, discomfort and possible damage.

ROUTE OF ENTRY:
Inhalation.
Skin absorption.

MEDICAL SYMPTOMS:
Medical symptoms include headaches, nausea & dizziness and possible vomiting muscular weakness drowsiness and in extreme cases loss of consciousness impaired renal functionality

12. ECOLOGICAL INFORMATION:

ECOLOGICAL INFORMATION:

There is no data available on the product itself.
The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters. The air pollution control requirements of regulations made under the Environmental Protection Act may apply to the use of this product.

13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHODS:

Recover and reclaim or recycle, if practical. Do not allow into drains or water courses or affected areas. Dispose of in accordance with Local Authority requirements.

14. TRANSPORT INFORMATION:

LABEL FOR CONVEYANCE:**ROAD TRANSPORT:**

UN No. ROAD:	1263
ADR CLASS No.:	Class 3: Flammable liquids.
ADR CLASS:	3
ADR ITEM No.:	31(c)
HAZARD No. (ADR)	33 Highly flammable liquid (flash-point below 23°C).
HAZARD No. (ADR)	30
ADR MARGINAL:	2301
ADR LABEL No.:	3
HAZCHEM CODE:	3[Y]
CEFIC TEC(R) No.:	30G80
PROPER SHIPPING NAME I:	PAINT or PAINT RELATED MATERIAL

RAIL TRANSPORT:

RID CLASS No.:	3
RID ITEM No.:	31(c)

SEA TRANSPORT:

UN No. SEA:	1263
IMDG CLASS:	3.2
IMDG PAGE No.:	3268
IMDG PACK GR.:	II
EmS No.:	3-05
MFAG TABLE No.:	310 or 313
MARINE POLLUTANT:	No.

AIR TRANSPORT:

UN No., AIR:	1263
ICAO CLASS:	3
AIR PACK GR.:	II

15. REGULATORY INFORMATION:

LABEL FOR SUPPLY:



RISK PHRASES:

R-11 Highly flammable.

SAFETY PHRASES:

S-9 Keep container in a well ventilated place.
S-16 Keep away from sources of ignition - No Smoking.
S-24 Avoid contact with skin.
S-51 Use only in well ventilated areas.
S-37/39 Wear suitable gloves and eye/face protection.
S-23B Do not breathe vapour/spray.
S-43A In case of fire, use foam or dry powder extinguishing agents..

UK REGULATORY REFERENCES:

Petroleum (Consolidation) Act, as amended 1984 SI 1244. Highly Flammable Liquid Regulations 1972. The Environmental Protection (Duty of Care) Regulations 1992 (SI 1992:2839) United Kingdom. Chemicals (Hazard Information and Packaging for Supply) Regulations.

ENVIRONMENTAL LISTING:

Rivers (Prevention of Pollution) Act 1961. Control of Pollution (Special Waste Regulations) Act 1980.

EU DIRECTIVES:

System of specific information relating to Dangerous Preparations. 91/155. Safety Data Sheets for Substances and Preparations 93/112, L314.

STATUTORY INSTRUMENTS:

UN Recommendations on the Transport of Dangerous Goods (the Orange Book). European Agreement Concerning the International Carriage of Dangerous Goods by Road (ADR). Regulations Concerning the International Carriage of Dangerous Goods by Rail (RID). IMDG Code and IMDG Code Supplement. ICAO Technical Instructions for the Safe Transport of Dangerous Goods by Air. IATA Dangerous Goods Regulations.

APPROVED CODE OF PRACTICE:

Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES:

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

16. OTHER INFORMATION:

INFORMATION SOURCES:

Dangerous Properties of Industrial Materials Report, N.Sax et.al. Save your Skin ! - Occupational Contact Dermatitis, HSE, MS(B)6

REVISION COMMENTS:

This issue supercedes all previous versions.

SAFETY DATA SHEET STATUS:

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THIS SDS IS PRODUCED WITH SAFECHEM for WINDOWS