

SAFETY DATA SHEET

CLEAR VARNISH

Page 1

Issued: 28/07/2003

Revision No: 1

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

Product name: CLEAR VARNISH

Product code: 731

Use / description of product: 731 : A solvent based varnish for sealing interior hardwood floors.

Company name: Clover Chemicals Ltd

Clover House

Macclesfield Road

Whaley Bridge, High Peak

Derbyshire

SK23 7DQ

UK

Tel: +44 (0) 1663 733114

Fax: +44 (0) 1663 733115

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: STRAIGHT RUN KEROSENE - SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPH.
10-30%

EINECS: 265-191-7 CAS: 64742-88-7

[Xn] R65; [Xi] R38; [N] R51/53

- XYLENE <1%

EINECS: 215-535-7 CAS: 1330-20-7

[-] R10; [Xn] R20/21; [Xi] R38

- DIPENTENE <1%

EINECS: 205-341-0 CAS: 138-86-3

[-] R10; [Xi] R38; [Sens.] R43; [N] R50/53

3. HAZARDS IDENTIFICATION

Main hazards: Flammable. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

4. FIRST AID MEASURES (ACTION)

Skin contact: Wash immediately with plenty of soap and water.

[cont...]

SAFETY DATA SHEET

CLEAR VARNISH

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Consult a doctor. Transfer to hospital as soon as possible.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

Exposure hazards: In combustion emits toxic fumes.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

7. HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area. Smoking is forbidden.

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

Suitable packaging: Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients: XYLENE
TWA 220 mg/m³ STEL 441 mg/m³

Engineering measures: The floor of the storage room must be impermeable to prevent the escape of liquids.

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses.

Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Pale brown

Odour: Characteristic odour

Evaporation rate: Moderate

[cont...]

SAFETY DATA SHEET

CLEAR VARNISH

Oxidising: Non-oxidising (by EC criteria)**Solubility in water:** Insoluble**Also soluble in:** Most organic solvents.**Viscosity:** Viscous**Flammability limits %: lower:** 0.6**upper:** 8**Flash point°C:** 37**Relative density:** .925**10. STABILITY AND REACTIVITY****Stability:** Stable under normal conditions.**Conditions to avoid:** Heat.**Materials to avoid:** Strong oxidising agents. Strong acids.**Haz. decomp. products:** In combustion emits toxic fumes.**11. TOXICOLOGICAL INFORMATION**

Hazardous ingredients: XYLENE
ORL MUS LD50 2119 mg/kg
ORL RAT LD50 4300 mg/kg
SCU RAT LD50 1700 mg/kg

- DIPENTENE
IVN MUS LD50 1010 µl/kg
ORL MUS LD50 5550 µl/kg
ORL RAT LD50 5300 mg/kg

Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.**12. ECOLOGICAL INFORMATION****Mobility:** Readily absorbed into soil.**Persistence and degradability:** Not biodegradable.**Bioaccumulative potential:** Bioaccumulation potential.**Other adverse effects:** Toxic to aquatic organisms. Toxic to soil organisms.**13. DISPOSAL CONSIDERATIONS****Disposal of packaging:** Dispose of as normal industrial waste.**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.**14. TRANSPORT INFORMATION**

[cont...]

SAFETY DATA SHEET

CLEAR VARNISH

ADR / RID

UN no: 1263 **ADR Class:** 3
Packing group: III **Classification code:** F1
Shipping name: PAINT (STRAIGHT RUN KEROSENE - SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPH.)
Labelling: 3 **Hazard ID no:** 30

**IMDG / IMO**

UN no: 1263 **Class:** 3
Packing group: III **EmS:** F-E,S-E
Marine pollutant: . **Labelling:** 3

IATA / ICAO

UN no: 1263 **Class:** 3
Packing group: III **Packing instructions:** 309(P&CA); 310(CAO)
Labelling: 3

15. REGULATORY INFORMATION

Hazard symbols: Dangerous for the environment.



Risk phrases: R10: Flammable.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases: S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

S2: Keep out of the reach of children.

S29/56: Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

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.

Precautionary phrases: Contains cobalt carboxylate, ethyl methyl ketoxime, limonene. May produce an allergic reaction.

[cont...]

SAFETY DATA SHEET

CLEAR VARNISH

Seveso II guideline: Yes

VbF: AIII

Water hazard class: 1 Classification by VwVwS

Air emission directive: Class: III Item no: 5.2.5 Amount m%: 60

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Other information: 4 X 5 LTR ; NOT SUBJECT TO ADR

Risk phrases used in s.2: R65: Harmful: may cause lung damage if swallowed.

R38: Irritating to skin.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R10: Flammable.

R20/21: Harmful by inhalation and in contact with skin.

R43: May cause sensitisation by skin contact.

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.