



SAFETY DATA SHEET (91/155/EC)

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

* Product name:

NATURAL FINISH VARNISH

* Supplier:

LIBERON

Mountfield Ind Est

New Romney

Kent, TN28 8XU

Tel: 0044 (0)1797 367555

Fax: 0044 (0)1797 367575

* Emergency phone number (to be used by the practising doctor):

UK - National Poisons Information Service Phone: 44 / 191 22 5131

2. COMPOSITION/INFORMATION ON INGREDIENTS

* Preparation name:

NATURAL FINISH VARNISH

* Component(s) contributing to the health hazard:

- CAMPHOR - CAS no: 76-22-2

Conc. wt.(%): $0 < C \leq 1$ - Symbol(s): Xn - R: 40-22-20

- 2-butoxyethanol; ethylene glycol monobutyl ether - Id No: 603-014-00-0 - CAS no: 111-76-2 - EC no: 203-905-0

Conc. wt.(%): $0 < C \leq 1$ - Classification: •Xn; R20/21/22•Xi; R36/38•

- turpentine - Id No: 650-002-00-6 - CAS no: 8006-64-2 - EC no: 232-350-7

Conc. wt.(%): $0 < C \leq 1$ - Classification: • R 10 • Xn; R 20/21/22 • Xi; R 36/38 • N; R 51-53 •

3. HAZARDS IDENTIFICATION

* Most important hazards:

none

* Specific hazards:

none

4. FIRST AID MEASURES

* General advice:

In all cases of doubt, or when symptoms persist, seek medical attention.

Never give anything by mouth to an unconscious person.

* Inhalation:

If unconscious, place in the recovery position and seek medical advice.

* Skin contact:

Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner.

Do NOT use solvents or thinners.

* 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:

If accidentally swallowed obtain immediate medical attention. Keep at rest.

Do NOT induce vomiting.

5. FIRE-FIGHTING MEASURES

* Suitable extinguishing media:

Carbon dioxide (CO₂), powder.

* Extinguishing media which must NOT be used for safety reasons:

None.

* Specific method(s):

Do not allow run-off from fire fighting to enter drains or water courses.

* Specific fire hazard(s):

Decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required.

* Special protective equipment for fire-fighters:

Use a self-contained breathing apparatus and also a protective suit.

6. ACCIDENTAL RELEASE MEASURES

* Personal precaution(s):

Concerning personal protective equipment to use, see item 8.

* Environmental precaution(s):

Do not allow to enter drains or water courses.

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, the National Rivers Authority.

* Method(s) for cleaning up:

Contain and collect spillage's with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth

Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

Clean preferably with a detergent - Avoid the use of solvents.

7. HANDLING AND STORAGE

* Handling

- Precaution(s):

For personal protection, see Section 8.

Material handling require no special precaution measures.

- Technical condition(s):

No special technical protective measures required.

- Safe handling advice(s):

Avoid skin and eye contact. Avoid inhalation of vapour and spray mist.

* Storage

- Precaution(s):

Observe the label precautions.

Keep container tightly closed.

- Technical condition(s):

Not flammable and waterproof underground retention basin.

- Storage condition(s):

Containers which are opened should be properly resealed and kept upright to prevent leakage.

- Separation of incompatible product(s):

Store separately from oxidising agents and strongly alkaline and strongly acidic materials.

- Packaging / tank material:

Made of the same material as the supply container.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

* Engineering measure(s):

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

*Control parameter(s):

- Exposure limit(s):

• CAMPHOR:VME ppm = 2 - VME mg = 12 - VLE ppm = 3 - VLE mg = 19

• 2-butoxyethanol; ethylene glycol monobutyl ether:VME ppm = 20 - VME mg = 98

- VLE ppm = 50 - VLE mg = 246

• turpentine:VME ppm = 100 - VME mg = 556

Not applicable.

* Personal protection equipment:

- Respiratory protection:

Not applicable.

- Hand protection:

Barrier creams may help to protect exposed areas of the skin but are not substitutes for full physical protection. They should not be applied once exposure has occurred.

When skin exposure may occur, advice should be sought from glove suppliers on appropriate types. protective gloves

- Eye protection:

Eye protection designed to protect against liquid splashes should be worn.

* Hygiene measure(s):

Do not eat, drink, or smoke during work.

Keep away from food, drink and animal feed.

Keep workplace clean and tidy as much as possible.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state / form: liquid
Colour: various
Odour: acrylic-like
pH: 8 - 8.5
Boiling point/range: Not determined.
Flash point: Not applicable.
Explosion limits: Not applicable.
Relative density (water = 1): 1 - 1.5
Viscosity: Not determined.
Water solubility: completely soluble
Fat solubility: in aqueous solution
Solvent solubility: immiscible

10. STABILITY AND REACTIVITY

* Stability:

Stable under the recommended storage and handling conditions. (See Section 7).

* Material(s) to avoid:

Keep away from oxidising agents and strongly alkaline and strongly acidic materials to prevent the possibility of exothermic reaction.

* Hazardous decomposition products:

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, $NxOy$.

11. TOXICOLOGICAL INFORMATION

* General Information

General information(s):

There is no data available on the product itself.

* Acute toxicity

- Inhalation:

No data available.

- Skin contact:

Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

- Eye contact:

Splashes in the eyes may cause irritation and reversible local damage.

- Ingestion:

No data available.

12. ECOLOGICAL INFORMATION

* General information(s):

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.

* Environmental toxicity:
Ecological problems are not known or expected under normal use.

13. DISPOSAL CONSIDERATIONS

* Waste / unused products:
Do not allow into drains or water courses or dispose of where ground or surface waters may be affected.

Contaminated packaging:
Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act.

14. TRANSPORT INFORMATION

General information(s):
not regulated
UN No. Not applicable.

15. REGULATORY INFORMATION

* Labelling:
EC number:
Not applicable.
Symbol(s):
None according to EC directives.
R-phrase(s):
None according to EC directives.
S-phrase(s):
2 Keep out of the reach of children.
29 Do not empty into drains.
51 Use only in well-ventilated areas.

16. OTHER INFORMATION

* According legislation(s):
This safety data sheet is in compliance with EC directives and adaptations no.: 91/155, 67/548, and 88/379

* Important remarks:
Information in this safety data sheet is based on actual knowledge in our Possession and our experience.
It is recommended to pass the information of this safety data sheet, eventually in an appropriated form, to the users.
No liability will be accepted (except as otherwise provided by law) arising out of the use of information supplied in this data sheet.

* Restrictions:
This information relates to the specific material designated and may not be valid in combination with other product(s).

* History
- First edition date: 19-06-98
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