

Straw Hat Varnish (Dark) (TNL 1760 – 1761)

1. Identification

Straw Hat Varnish (Dark)

2. Composition/Information on Ingredients

A solution of Shellac and Alcohol.

Substance	% Conc.	Symbol	Risk Phrases
Rosin	2.5—10	Xi	43
Ethanol	>50	F	11
Butanol	2.5 – 10	Xn	20 – 10

3. Hazards Identification

Highly Flammable, Irritant to skin, Sensitising.

4. First-Aid Measures

Remove all contaminated clothing and obtain medical attention.

Eye contact	Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 minutes. 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.
Inhalation	Remove to fresh air, keep warm and at rest. If breathing has stopped give artificial respiration. Give nothing by mouth. If unconscious place in recovery position and seek medical advice.
Ingestion	If accidentally swallowed obtain immediate medical attention. Keep at rest. Do not induce vomiting.

5. Fire-Fighting Measures

Extinguishing media	Carbon dioxide, Dry powder, Halogenated Hydrocarbons, Sand and Foam. Do not use water.
Special instructions for fire fighting	Fire will produce dense black smoke containing hazardous personnel products of combustion (see Section 10). Decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required. Cool closed containers exposed to fire with water spray. Do not allow run off from fire fighting to enter drains or water courses.

6. Accidental Release Measures

Exclude sources of ignition and ventilate the area. Exclude non-essential personnel. Avoid breathing vapours. Refer to protective measures listed in sect. 7&8. Contain and collect spillages with non-combustible absorbent materials e.g. sand, earth and place in suitable container for disposal in accordance with the waste regulations. Do not allow to enter drains or water courses. If it does the local water authority should be contacted immediately. Clean preferably with a detergent, avoid use of solvents.

7. Handling and Storage

Vapours are heavier than air and may spread along floors. Prevent creation of explosive or flammable mixtures and avoid vapour concentrations higher than the OEL. Do not use in areas where potential sources of ignition exist. Electrical equipment should be protected to the appropriate standard. Use non sparking tools and exclude sources of heat, sparks and flames. Keep container tightly closed. Never use pressure to empty, container is not a pressure vessel. Always keep in container made of the same material as the supply container. Avoid skin and eye contact. For personal protect see Sect. 8. Good housekeeping and regular removal of waste materials will minimise risks. The product may charge electrostatically, use earthing leads when transferring from one container to another. Wear anti-static footwear and clothing. Floors should be electrically conductive.

Observe the label precautions. Store between 5 and 25°C in a well ventilated place away from sources of heat, ignition and direct sunlight. No smoking. Prevent unauthorised access. Containers which are opened should be properly resealed and kept upright to prevent leakage. Store away from oxidising agents and strongly alkaline and acid materials. The principles contained in the HSE's guidance note Storage of Packaged Dangerous substances should be observed when storing this product.

8. Exposure Control and Personal Protection

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If extraction methods are insufficient to maintain concentrations of particulate and/or solvent vapours below relevant OEL's, suitable respiratory protective equipment should be worn.

9. Physical and Chemical Properties

Physical form	Liquid
Colour	Golden brown
Odour	Characteristic
pH of aqueous solution	Not applicable
Boiling point	Not determined
Melting point	Not applicable
Viscosity	Not determined
Flash point	12 °C
Flammability solid/gas	Not determined
Autoflammability	Not determined
Explosive properties	Not determined
Oxidising properties	Not determined
Vapour pressure	Not determined
Specific Gravity	0.85 gms/cc
Water solubility	Partially soluble
Other solubility	Miscible with most petroleum products.
Bulk density	Not determined
Partition coefficient octanol/water	Not determined
Lower explosive limit	3.3% Vol.

10. Stability and Reactivity

Stable under the recommended storage and handling conditions (see Sect 7). In a fire, hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide and oxides of nitrogen may be produced. Keep away from oxidising agents and strongly alkaline and acid materials to prevent the possibility of an exothermic reaction.

11. Toxicological Information

There is no data available on the product itself. Exposure to organic solvent vapours may result in adverse health effects such as irritation of the mucous membrane and respiratory system and adverse effects on the renal and central nervous systems. Symptoms include headache, dizziness, fatigue muscular weakness, drowsiness and in extreme cases unconsciousness. Splashes in the eyes may cause irritation and reversible local damage. 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. Splashes in the eye may cause irritation and reversible local damage.

12. 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 Conditions

Do not allow into drains or water courses or dispose of where ground or surface water may be affected. Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under Control of Pollution and Environmental Protection Acts.

14. Transport Information

UN number	1263
IMDG code/class	Class 3
ICAO/IATA (air) class	Class 3
RID/ADR class	Class 3 Item 31(c)
ADNR class	Class 3

15. Regulatory Information

The product is classified and labelled for supply in accordance with the Chemicals (Hazard Information & Packaging) Regulations as follows.

Classification		F – Highly Flammable
Risk Phrases	11	Highly Flammable
Safety Phrases	16	Keep away from sources of ignition – No smoking
	29	Do not empty into drains
	43	In case of fire do not use water
	7/9	Keep container tightly closed and in a well ventilated place
'P' Phrases		Do not breathe Vapour or Spray

The information contained in this Safety Data Sheet does not constitute the user's own assessment of the workplace risks as required by other health and safety legislation. The provisions of the Health and Safety at Work etc Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product at work.

16. Other Information

The information provided on this sheet is based on our knowledge of the product concerned at the date of issue. It is provided in good faith. Users should also bear in mind that risks may arise when a product is put to uses other than those for which it is destined.