



## HARD SHELLAC (Dewaxed White)

Issue Date: February 2013

ISSUED by UBEAUT ENTERPRISES

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name** HARD SHELLAC  
**Product Code** HDW500 . HDW5L . HDW25L  
**Company Name** U-BEAUT ENTERPRISES  
**Address** 74 Anomaly Street, Moolap  
VIC 3224 Australia  
**Emergency Tel.** 03 5248 3030  
**Telephone/Fax Number** Tel: +61 3 5248 3030  
Fax: 03 5248 3030  
**Recommended Use** Hardened shellac finish for French polishing.

INFO AT A GLANCE	
<b>U.N. Number</b>	1263
<b>Proper Shipping Name</b>	PAINT - SHELLAC SOLUTION - FLAMMABLE LIQUID (CONTAINS: ETHANOL)
<b>DG Class</b>	3
<b>Hazchem code</b>	3[Y]E
<b>Flash Point</b>	13°C
<b>Packing Group</b>	II
<b>EMS no:</b>	F-E,S-E

Product Name: **Hard Shellac**

### 2. HAZARDS IDENTIFICATION

**Hazard Classification** HAZARDOUS SUBSTANCE.  
DANGEROUS GOODS.  
Hazard classification according to the criteria of NOHSC.  
Dangerous goods classification according to the Australia Dangerous Goods Code.

**Risk Phrase(s)** R10 Flammable.

**Safety Phrase(s)** S16 Keep away from sources of ignition - No smoking.  
S24/25 Avoid contact with skin and eyes.  
S62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	Ingredients determined not to be hazardous		22.5 %
	Ethanol	64-17-5	75 %
	n-Butyl alcohol	71-36-3	2.5 %

### 4. FIRST AID MEASURES

**Inhalation** Remove the source of contamination or move the victim to fresh air. Ensure airways are clear and give oxygen if breathing is difficult. Apply artificial respiration if not breathing. If symptoms develop and persist, seek medical attention.

**Ingestion** Do NOT induce vomiting. Wash out mouth with water. Seek medical attention.

**Skin** Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. If symptoms develop seek medical attention.

**Eye** If contact with the eye(s) occurs, wash with copious amounts of water holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. If symptoms persist seek medical attention.

**First Aid Facilities** Eye wash and normal washroom facilities.

**Advice to Doctor** Treat symptomatically.

### 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media** Use water fog, foam or dry chemicals.

<b>Hazards from Combustion Products</b>	Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide and carbon dioxide.
<b>Specific Methods</b>	Use water spray to cool fire exposed containers.
<b>Specific Hazards</b>	This product is flammable. Keep storage tanks, pipelines, fire-exposed surfaces etc cool with water spray. Shut off any leak if safe to do so and remove sources of re-ignition. Vapour/air mixtures may ignite explosively. Flashback along the vapour trail may occur. Runoff to sewer may create fire or explosion hazard.
<b>Hazchem Code</b>	3[Y]
<b>Precautions in connection with Fire</b>	Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Emergency Procedures</b>	Wear appropriate personal protective equipment and clothing to minimise exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unnecessary personnel. If possible contain the spill. Place inert absorbent, non-combustible material onto spillage. Use clean non-sparking tools to collect the material and place into a suitable labelled container for subsequent disposal. Dispose of waste according to the Environmental Protection Authority (EPA), federal, state and local regulations. If the spillage enters the waterways contact the EPA, or your local Waste Management Authority.
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## 7. HANDLING AND STORAGE

<b>Precautions for Safe Handling</b>	Open containers cautiously as contents may be under pressure. Use only in a well ventilated area. DO NOT store or use in confined spaces. Do not enter these areas without respiratory protection or until the atmosphere has been checked. Keep tank covered and containers sealed when not in use. Build up of mists or vapours in the atmosphere must be prevented. Avoid inhalation of vapour and mists. Do not use near welding or other ignition sources and avoid sparks. Do NOT pressurise, cut, heat or weld containers as they may contain hazardous residues. Do not smoke. Exposure without protection should be prevented in order to lessen the possibility of skin disorders. It is essential that all who come into contact with this material maintain high standards of personal hygiene ie. Washing hands prior to eating, drinking, smoking or using toilet facilities.
<b>Conditions for Safe Storage</b>	Store in a cool, dry, well-ventilated area away from sources of ignition, oxidising agents, foodstuffs, and clothing and out of direct sunlight. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Always keep in containers made of the same material as the supply container. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. Use proper grounding procedures. For information on the design of the storeroom, reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids. Reference should also be made to all State and Federal regulations.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards	Name	mg/m3 (STEL)	ppm (STEL)	mg/m3 (TWA)	ppm (TWA)	TWA Footnote
	Ethanol			1880	1000	
	n-Butyl alcohol			152	50	Peak limitation
<b>Biological Limit Values</b>	No biological limit allocated.					
<b>Other Exposure Information</b>	<p>No exposure standards have been established for this material by the National Occupational Health And Safety Commission (NOHSC). However, exposure standards for ingredients are stated above:</p> <p>As published by the National Occupational Health and Safety Commission (NOHSC):</p> <p>TWA - the Time-Weighted Average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.</p> <p>STEL (Short Term Exposure Limit) - the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.</p> <p>According to current knowledge these concentrations should neither impair the health of, nor cause undue discomfort to, nearly all workers.</p>					
<b>Engineering Controls</b>	Provide sufficient ventilation to keep airborne levels below the exposure limit. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a flameproof exhaust ventilation system is required. Refer to AS 1940 - The storage and handling of flammable and combustible liquids and AS/NZS 2430.3.1:1997 : Classification of hazardous areas - Examples of area classification - General, for further information concerning ventilation requirements.					
<b>Respiratory Protection</b>	If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable vapour/mist filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.					
<b>Eye Protection</b>	Safety glasses with side shields, goggles or full-face shield as appropriate recommended. Final choice of					

appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

<b>Hand Protection</b>	Wear gloves of impervious material such as nitrile or rubber. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.
<b>Body Protection</b>	Wear appropriate clothing including chemical resistant apron where clothing is likely to be contaminated. It is advisable that a local supplier of personal protective clothing is consulted regarding the choice of material.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Amber fluid
<b>Odour</b>	Typical Ethanol (methylated) odor
<b>Melting Point</b>	-117°C
<b>Boiling Point</b>	78°C
<b>Solubility in Water</b>	Partly miscible.
<b>Solubility in Organic Solvents</b>	Soluble in most common organic solvents.
<b>Specific Gravity</b>	Not available
<b>pH Value</b>	Not available
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (Air=1)</b>	Not available
<b>Viscosity</b>	Not available
<b>Flash Point</b>	13°C
<b>Flammability</b>	Flammable liquid.
<b>Auto-Ignition Temperature</b>	Not available
<b>Flammable Limits - Lower</b>	Not available
<b>Flammable Limits - Upper</b>	Not available

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable under normal conditions.
<b>Conditions to Avoid</b>	Heat, direct sunlight, open flames or other sources of ignition.
<b>Incompatible Materials</b>	Not available.
<b>Hazardous Decomposition Products</b>	Thermal decomposition may result in the release of toxic and/or irritating fumes.
<b>Hazardous Polymerization</b>	Will not occur.

## 11. TOXICOLOGICAL INFORMATION

<b>Toxicology Information</b>	No toxicity data available.
<b>Inhalation</b>	Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.
<b>Ingestion</b>	Ingestion of this product may irritate the gastric tract causing nausea and vomiting. Ingestion of large quantities may depress the central nervous system.
<b>Skin</b>	May cause irritating in contact with skin. Symptoms may include redness and itchiness.
<b>Eye</b>	May cause irritation to eyes. Symptoms may include redness, tearing, stinging and blurred vision.
<b>Chronic Effects</b>	

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	No data is available for this material.
<b>Persistence / Degradability</b>	Not available.
<b>Mobility</b>	Not available.
<b>Environ. Protection</b>	Prevent this material entering waterways, drains and sewers.

**13. DISPOSAL CONSIDERATIONS**

**Disposal Considerations** Dispose of waste according to relevant government regulations. Labels should not be removed from containers until they have been cleaned. Do not cut, puncture or weld on or near containers. Empty containers may contain hazardous residues. Contaminated containers must not be treated as household waste. Containers should be cleaned by appropriate methods and then re-used or disposed of by landfill or incineration as appropriate. Do not incinerate closed containers. Advise flammable nature.

**14. TRANSPORT INFORMATION**

**Transport Information** This material is a Class 3 - Flammable Liquid according to The Australian Code for the Transport of Dangerous Goods by Road and Rail. Class 3 - Flammable Liquids are incompatible in a placard load with any of the following:

- Class 1, Explosives
- Class 2.1, Flammable Gases, if both the Class 3 and Class 2.1 dangerous goods are in bulk
- Class 2.3, Toxic Gases
- Class 4.2, Spontaneously Combustible Substances
- Class 5.1, Oxidising Agents and Class 5.2, Organic Peroxides
- Class 6, Toxic Substances (where the flammable liquid is nitromethane)
- Class 7, Radioactive Substances.

**U.N. Number** 1263

**Proper Shipping Name** PAINT . SHELLAC SOLUTION - FLAMMABLE LIQUID - (CONTAINS: ETHANOL)

**DG Class** 3

**Hazchem Code** 3[Y]E

**Packaging Method** 3.8.3RT1

**Packing Group** II

**EPG Number** 3A1

**IERG Number** 14

**IMDG Marine Pollutant (MP)** Not classified.

**Other Information** EMS F-E, S-E

**15. REGULATORY INFORMATION**

**Poisons Schedule** Not Scheduled

**16. OTHER INFORMATION**

**Date of preparation or last revision of MSDS** Revised: February 2013

...End of MSDS...

