

Product name: **HARD SHELLAC (Dewaxed White)**

ISSUED by: UBEAUT POLISHES

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**CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA**

## **COMPANY DETAILS**

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## **1.0 IDENTIFICATION:**

1.1 **PRODUCT NAME :** HARD SHELLAC (DEWAXED WHITE)  
1.2 **CORRECT SHIPPING NAME :** (A) HARD WHITE SHELLAC DEWAXED (B) ETHYLALCOHOL (ETHANOL)  
(C) METHYL ALCOHOL (METHANOL) (D) WATER  
1.3 **OTHER NAMES:** HARD DEWAXED WHITE SHELLAC - HARD DEWAXED WHITE POLISH  
1.4 **MANUFACTURER'S PRODUCT CODE :** HDW - HDW5L  
1.5 **C.A.S. REGISTRY No. :** (A) 9000-59-3 (B) 6417-5 (C) 67-56-1 (D) NONE  
1.6 **UN NUMBER :** 1263  
1.7 **DANGEROUS GOODS CLASS :** 3  
1.7.1 **SUBSIDIARY RISK :** NONE ALLOCATED  
1.8 **HAZCHEM CODE :** 3 [Y] E  
1.9 **PACKING GROUP :** II  
1.10 **POISONS SCHEDULE NUMBER :** NOT APPLICABLE  
1.11 **USE:** RECOMMENDED FOR USE AS FRENCH POLISH, TIMBER VARNISH.

## **2.0 PHYSICAL DESCRIPTION/PROPERTIES**

2.1 **APPEARANCE :** CLEAR LIGHT HONEY COLOUR SOLUTION  
2.2 **ODOUR :** CHARACTERISTIC OF METHYLATED ODOUR  
2.3 **BOILING POINT (°C) :** 78°C  
2.4 **MELTING POINT (°C) :** NOT APPLICABLE  
2.5 **AUTOIGNITION TEMPERATURE (°C) :** 392°C  
2.6 **VAPOUR PRESSURE :** NOT AVAILABLE  
2.7 **SPECIFIC GRAVITY (DENSITY 15°C) :** NOT AVAILABLE  
2.8 **FLASHPOINT (°C) :** 13°C  
2.9 **FLAMMABILITY LIMITS :** % BY VOLUME (20°C) UPPER: 19.0%  
% BY VOLUME (20°C) LOWER: 3.5%

## **3.0 OTHER PROPERTIES:**

3.1 **PH (AT 10GR/250ML H<sub>2</sub>O):** NOT APPLICABLE  
3.2 **SOLIDS CONTENT (STM1059A):** 20%  
3.3 **DANGEROUS REACTIONS:** AVOID ACCUMULATING ELECTROSTATIC CHARGE.  
AVOID CONTACT WITH COMBUSTIBLE MATERIALS, PRODUCT MAY CATCH FIRE. AVOID INHALATION POSES A HEALTH THREAT.  
3.4 **HAZARDOUS DECOMPOSITION:** BURNING CAN PRODUCE CARBON DIOXIDE AND OR CARBON MONOXIDE

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## 4.0 INGREDIENTS

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<b>CHEMICAL NAME:</b>	<b>CAS NUMBER:</b>	<b>PROPORTION:</b>
SILTIN SHELLAC WAXED	9000-14-0	APPROX 20%
DENATURED ETHANOL	64-17-3	APPROX 80%

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## 5.0 HEALTH HAZARD INFORMATION

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### HEALTH EFFECTS

#### ACUTE

##### 5.1 SWALLOWED :

UNLIKELY UNDER NORMAL CONDITIONS OF USE. EFFECT MAY INCLUDE EXCITATION , EUPHORIA, HEACHES, DISSINESS, DROWSINESS, BLURTED VISION, FATIGUE, TREMORS, CONVULSIONS, LOSS OF CONSCIOUSNESS, COMA, RESPIRATORY ARREST AND DEATH, INCLUDING OPTICAL NERVE (VISUAL DAMAGE). SERVE ACUTE INTOXICATION MAY CAUSE HYPOGLYCOEMIA, HYPOTHERMIA AND EXTENSOR RIGIDTY. OTHER EFFECTS MAY INCLUDE DECREASED BLOOD PRESSURE, VOMITING BLOOD AND BLOOD CHANGES. ASPIRATION INTO THE LUNGS MAY CAUSE PNEUMONITIS.

##### 5.2 EYE :

VAPOURS MAY IRRITATE THE EYES. LIQUID AND MISTS MAY SEVERELY IRRITATE OR DAMAGE THE EYES.

##### 5.3 SKIN :

MODERATELY IRRITATING TO THE SKIN. BRIEF CONTACT MAY CAUSE REDNESS. REPEATED OR PROLONGED CONTACT MAY LEAD TO DERMATITIS WITH REDNESS, ITCHING, SWELLING AND POSSIBLE SECONDARY INFECTION. A SMALL PROPORTION OF PEOPLE EXPOSED TO REPEATED SKIN CONTACT MAY DEVELOP AN ALLERGIC SKIN REACTION.

##### INHALED :

MODERATELY IRRITAING TO THE RESPIRATORY TRACT AND MUCOUS MEMBRANES. INHALATION OF THE VAPOUR MAY RESULT IN HEADACHES, NAUSEA AND VOMITING. HIGH CONCENTRATIONS MAY CAUSE CENTRAL NERVOUS SYSTEM SIMILAR TO SWALLOWED.

#### CHRONIC

PRINCIPAL ROUTES OF EXPOSURE ARE USUALLY BY INHALATION OF VAPOURS FROM HEATED MATERIAL AND SKIN CONTACT/ ABSORPTION.

CHRONIC INTOXICATION BY SWALLOWING OR REPEATED INHALATION, MAY CAUSE DEGENERATIVE CHANGES IN THE LIVER, KIDNEYS, HAIR, GASTROINTESTINAL TRACT AND HEART MUSCLE.

#### FIRST AID

##### 5.5 SWALLOWED :

INDUCE VOMITTING GIVE PLENTY OF WATER. **OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.**

##### 5.6 EYE :

DO NOT USE EYEWASH OR OINTMENT OF ANY KIND BEFORE OBTAINING AN EXAMINATION OR ADVICE FROM AN OPHTHALMOLOGIST  
WASH IMMEDIATELY WITH WATER FOR AT LEAST 10 MINUTES.

##### 5.7 SKIN :

IMMEDIATELY TAKE OFF ALL CONTAMINATED CLOTHING.  
AREAS OF THE BODY THAT HAVE - OR ARE ONLY EVEN SUSPECTED OF HAVING - COME INTO CONTACT WITH THE TOXIN MUST BE RINSED IMMEDIATLEY WITH PLENTY OF RUNNING WATER AND POSSIBLY WITH SOAP.

##### 5.8 INHALED :

VENTILATE THE PREMISES. THE PATIENT IS TO BE REMOVED IMMEDIATELY FROM THE CONTAMINATED PREMISES TO REST IN A WELL VENTILATED ARE . **CALL A PHYSICIAN IMMEDIATELY.**

**5.9 FIRST AID FACILITIES :**

INDUSTRIAL FIRST AID KIT TO BE AVAILABLE AND SHOULD COMPLY TO NATIONAL AND LOCAL REGULATIONS

**5.10 ADVICE TO DOCTOR**

TREAT SYMPTOMS SYSTEMATICALLY. GASTRIC LAVAGE MAY BE INDICATED IF INGESTED. DO NOT WAIT FOR SYMPTONS TO DEVELOP. GENERAL MEASURES SHOULD BE TAKEN TO CONTROL ACIDOSIS AND MAINTAIN URINE OUTPUT. SEEK PROMPT MEDICAL ATTENTION.

**6.0 PRECAUTIONS FOR USE**

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**6.1 EXPOSURE STANDARDS:**

RECOMMENDED BY WORKSAFE AUSTRALIA IS:

1,000 ppm (1,880 mg/m<sup>3</sup>) time weighed average (TWA)

**6.2 ENGINEERING STANDARDS :**

ENSURE VENTILATION IS ADEQUATE (AIR PURIFYING RESPIRATOR FITTED WITH FLAME AND EXPLOSION PROOF ELECTRICAL FITTINGS) TO MAINTAIN AIR CONCENTRATIONS BELOW EXPOSURE STANDARDS.

**6.3 PERSONAL PROTECTION :**

ANTIDUST MASK, GOGGLES AND SOLVENT GLOVES ARE RECOMMENDED WHEN HANDLING THIS PRODUCT, AVOID INHALATION AND PROVIDE ADEQUATE VENTILATION. RESPIRATORY PROTECTION IS REQUIRED WHERE VENTILATION IS INSUFFICIENT OR EXPOSURE IS PROLONGED.

**FLAMMABILITY :**

ALL ELECTRICAL EQUIPMENT, INCLUDING LIGHTING, USED IN PROXIMITY

TO STORAGE AND ALL ELECTRICAL PROCESS EQUIPMENT USED IN ANY PROCESS INVOLVING ETHANOL SHOULD BE SELECTED AND INSTALLED IN ACCORDANCE WITH LOCAL WIRING RULES AND THE FOLLOWING AUSTRALIAN STANDARDS.

AS 1020 THE CONTROL OF UNDESIRABLE STATIC ELECTRICITY

AS 1076 CODE OF PRACTICE FOR SELECTION, INHALATION AND MAINTENCE OF ELECTRICAL APPARATUS AND ASSOCIATED EQUIPMENT FOR USE IN EXPLOSIVE ATMOSPHERES ( OTHER THAN MINING APPLICATIONS) - PART 1 OF 13.

AS 2380 ELECTRIC EQUIPMENT FOR EXPLOSIVE ATMOSPHERES - EXPLOSION - PROTECTION TECHNIQUES.

AS3000 ELECTRICAL INSTALLATIONS - BUILDINGS, STRUCTURE AND PREMISES (KNOWN AS SAA WIRING RULES)

**7.0 SAFE HANDLING INFORMATION**

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**7.1 STORAGE AND TRANSPORT :**

STORAGE: KEEP AWAY FROM UNGUARDED FLAME, SPARKS, AND HEAT SOURCES. AVOID DIRECT SOURCE EXPOSURE TO SUNLIGHT.

AVOID ACCUMULATING ELECTROSTATIC CHARGE. STORE IN A COOL AND ADEQUATELY VENTILATED ROOM WITH SAFETY ELECTRIC SYSTEM.

OSERVE STATE REGULATIONS CONCERNING THE STORAGE AND HANDLING OF DANGEROUS GOODS. THE REQUIRMENTS OF AUSTRALIAN STANDARDS AS 1940 "THE STORAGE AND HANDLING OF FLAMMABLE AND COMBUSTIBLE LIQUIDS" SHOULD BE OBSERVED.

TRANSPORT: ROAD (ADR): CLASS 3 ITEM 5 LABEL 3 N.I. 33/1866.

**7.2 SPILLS AND DISPOSAL :**

USE A MASK, SOLVENT GLOVES AND PROTECTIVE CLOTHING.  
LIMIT LEAKAGES WITH EARTH OR SAND. ELIMINATE ALL UNGUARDED FLAMES AND POSSIBLE SOURCES OF IGNITION. DO NOT SMOKE.  
WHERE POSSIBLE AVOID ANY LEAKAGE INTO DRAINAGE AREAS. IF THE PRODUCT HAS ESCAPED INTO A WATER COURSE, INTO THE DRAINAGE SYSTEM, OR HAS CONTAMINATED THE GROUND OR VEGETATION, NOTIFY THE COMPETENT AUTHORITIES TO COMPLY WITH YOUR LOCAL AND NATIONAL REGULATIONS CURRENTLY IN FORCE.

**7.3 FIRE/EXPLOSION HAZARD :**

HIGHLY FLAMMABLE. AVOID INHALING FUMES.  
IN CASE OF A FIRE USE WATER SPRAY, CARBON DIOXIDE CO<sub>2</sub>, DRY POWDER, BCF OR ALCOHOL STABLE FOAM.  
COOL CONTAINERS EXPOSED TO FIRE WITH WATER.  
SELF CONTAINED BREATHING APPARTUS FOR FIRE FIGHTERS MUST BE WORN.  
**EXPLOSION HAZARD** - BURNS WITH COLOURLESS FLAME.  
THE VAPOUR IS HEAVIER THAN AIR AND MAY TRAVEL ALONG THE GROUND, DISTANT IGNITION AND FLASH BACK ARE POSSIBLE. RUN OFF TO SEWERS AND RAINS MAY CAUSE EXPLOSIONS. ISOLATE FOR AT LEAST 800 METRES IN ALL DIRECTIONS IF TANKS OR TANKERS ARE INVOLVED.  
THE USE OF COMPRESSED AIR FILLING, DISCHARGING, MIXING OR HANDLING IS PROHIBITED DUE TO THE VAPOUR HAZARD.  
ALL VESSELS MUST BE EARTHED TO AVOID GENERATION OF STATIC CHARGES WHEM AGITATING OR TRANSFERRING SOLVENTS.  
CONTAINERS PREVIOUSLY HOLDING ETHANOL PRODUCTS MUST BE DEGREESSED BEFORE ENTRY OR SUBJECTED TO SOURCE IGNITION, REFER AS1940.

**7.4 UN NUMBER:**

1263

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**8.0 OTHER INFORMATION :**

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**8.1 TOXICOLOGICAL INFORMATION:**

THE CONCENTRATION OF EACH SUBSTANCE SHOULD BE BORNE IN MIND IN ASSESSING THE TOXOLOGICAL EFFECTS DERIVING FROM THE PREPARATION. PERSONS WITH PRE-EXISTING LIVER IMPAIRMENT, SKIN AND RESPIRATORY DISORDERS MAY BE AT AN INCREASED RISK A FROM EXPOSURE.  
THE INTERNATINAL AGENCY RESEARCH OF CANCER (IARC) HAS EVALUATED ALCOHOL DRINKING AS "GROUP 1" - CARCINOGENIC HUMANS.

**8.2 ECOLOGICAL INFORMATION:**

ADOPT SOUND WORKING PRACTICES, SO THAT THE PRODUCT IS NOT RELEASED INTO THE ENVIRONMENT.

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**9.0 REGULATORY INFORMATION:**

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MINISTERIAL DECREE DM 28/1/92 (CLASSIFICATION AND LABELLING)

**9.1 SYMBOLS:**

F- HIGHLY FLAMMABLE  
Xn - HARMFUL

**9.2 R PHRASES:**

R41 - RISK OF SERIOUS DAMAGE TO ETES

R22 - HARMFUL IF SWALLOWED.

R20 - HARMFUL BY INHALATION

R11 - HIGHLY FLAMMABLE

**9.3 S PHRASES:**

S36/37 - WEAR SUITABLE PROTECTIVE CLOTHING GLOVES

S51 - USE ONLY IN WELL VENTIALTED AREA IGNITION APPROVED AREA

S43 - INCASE OF FIRE, USE WATER SPRAY, FOAM, CO2, DRY POWDER. IF  
WATER INCREASE RISK, ADD- NEVER USE WATER.

S33 - TAKE PRECAUTIONARY MEASURE AGAINST STATIC DISCHARGES

S29 - DO NOT EMPTY INTO DRAIN.

S23 - DO NOT BREATH VAPOUR.

S16 - KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING.

**10.0 CONTACT POINT :**U-BEAUT POLISHES PH/FAX: 03 5221 8775 (BH)

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