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### U-Beaut Hard Shellac- White

Product Code: 30014200



\$43.90 per unit

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in stock

✓ Available for immediate delivery

1

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⚠️ Due to the nature of this product, shipping temperatures may vary a degree or two. Shipping for fragile goods will require special transport and handling services which means that extra charges will be included in your shipping costs.

Technical Data

Details Specifications

A finish with all the beauty and ease of shellac, yet creates a film that will withstand heat, water and alcohol. Applied the same way as a normal shellac, this product has additives that cause it to crosslink after it has dried.

Total drying time of up to 20 days (less in hot weather). Perfect for table tops and other horizontal surfaces.

Flammable - delivered by road transport only.



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#### FEATURED



TRADITIONAL WAX

★★★★★

\$22.00 - \$247.50



HARD SHELLAC

★★★★★

\$55.00 - \$308.00



HIDE GLUE 400gm

★★★★★

\$33.00



### HARD SHELLAC

★★★★★

1 customer review | [Add a review](#)

\$55.00 - \$308.00

Ever wished you had a finish that was as easy to use as shellac but with the durability of polyurethane? Well wish no more, because here it is.

This unique Hardened Shellac creates a film with a high resistance to heat, water and alcohol, yet it is used in exactly the same way as any normal shellac. It can be applied with a rubber as French polish, brushed, sprayed and dipped.

TAG: HARD SHELLAC

SIZE: 500 ml 5 Litre

1

ADD TO CART

### Factory/OfficeAddress:

74 Anomaly St  
Moolap Vic 3224  
Australia

**Phone National:** 03 5248 3030

**International:** +61 3 5248 3030

**Email:** please use above form

**HARD SHELLAC (Dewaxed White)**

Ever wished you had a finish that was as easy to use as shellac but with durability better than polyurethane? Well wish no more, because here it is.

This unique Hardened Shellac creates a film with a high resistance to heat, water and alcohol, yet it is used in exactly the same way as any normal shellac. It can be applied with a rubber as French polish, brushed, sprayed and dipped.

**HOW IS THIS POSSIBLE?**

After shellac has been dissolved in ethanol\* it is possible to introduce additives that cause the shellac to cross link after it has dried. This cross linking takes about 20 days to completely cure, less in hot weather.

**USES:**

Ideal for table tops and other horizontal surfaces such as dresser and desk tops, etc. Also brilliant for use on guitars, lutes, harps and many other musical instruments where a traditional finish is required and good resonance qualities are essential.

**APPLICATION:**

Hard Shellac is applied in the same manner as any normal shellac. **The drying time is the same as regular shellac. ie: almost instantly.**

Water dye may be used under the shellac to change the colour of the timber to be polished. There is no need to use a sanding sealer or anything else under the Hard Shellac, however you may apply a weak solution of the shellac as a first coat eg. 1 part Hard Shellac to 8 parts ethanol\*. This can be fine sanded after it has dried. This will seal the timber and dye (if used) and will give a beautiful smooth base upon which to build your finish.

**SHELF LIFE:**

Hard shellac has a shelf life of 18 mths from the time it is made and all bottles are clearly labelled with the Best by date. Once it is out of date it is no longer much good and should be disposed of.

Hard Shellac is a reasonably strong brew and may need to be thinned up to 50/50 with ethanol\* depending on your application method.

**ALL application gear must be washed IMMEDIATELY after use.**

**If rubber, brush or spray equipment is left to dry it will go rock hard and become unusable.**

Wash up and thin with Ethanol\* available at most good hardware and paint shops.

For more details on using shellac get a copy of "[A Polishers Handbook](#)" by Neil Ellis.

\* **ETHANOL** also commonly known in Australia as - 100% Industrial Methylated Spirits or 100% IMS. and sometimes called pure alcohol or denatured alcohol. If you can't get 100% IMS then it is strongly suggested that you use 95% rather than a cheap methylated spirits without a specified percentage, as this by law can contain up to 40%+ water and will ruin the shellac and your finish.

Information Sheet and MSDS - [CLICK HERE](#)



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## Hardener, to formulate Hard Shellac Polish

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Size / Weight / Qty	Price	Quantity	
Item Code: C2400 Portion for 500ml	\$ 24.63	- 1 +	Add to Cart
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Item Code: C2402 Bulk 500ml	\$ 126.18	- 1 +	Add to Cart
Item Code: C2403 Bulk 1 Litre	\$ 258.65	- 1 +	Add to Cart

### DESCRIPTION

Additive to be added to a 1:4 shellac weight to alcohol volume mix. Cross links in about 20 days and forms an extremely tough final coat.

- 40gms to 250ml
- 81 gms to 500ml
- 161 gms for 1 litre

Notes updated January 2021

#### HARDENER FOR SHELLAC SOLUTIONS

(Note: From early 2016 this product has been formulated to allow use in any portion desired provided the mix ratio is carefully adhered to. In other words the several components in the solution now decant and maintain proportion).

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After shellac has been dissolved in ethanol it is possible to introduce this additive which causes the shellac to cross link over a period of about 20 days. Note that this crosslinking process can be shortened within reason by 2.5 days for each 10 degree Celsius increase in temperature with lights or a heater. It follows that a polishing project should be completed comfortably within the 20 days timeframe where chemical bonds still remain for the crosslinking to occur.

This additive has been mixed to be appropriate for maximum hardening. It is added after the shellac has been put into solution. The hardened shellac can be used on table tops so that tendency to condensation & heat rings are mitigated or eliminated. Also increases resistance to alcohol.

The additive must be in intimate contact with the shellac solution for 72 hours before the hardened shellac can be used. Application gear must not be allowed to go dry otherwise brushes, rubbers & spray nozzles will go rock hard. Wash them out well with metho. For heat resistance on window frames, tables etc, every coat should be with the hardened shellac.

For damaged pieces finished with conventional polish which are required to be re-finished with hard shellac the old polish should be removed prior to replacement with hard grade. For similar reasons which apply to mixed coats of waxy and de-waxed polish, hard grade polish coats should not be mixed with conventional polish coats due to the differential hardness which can result in crazing.

Process of application & coating intervals of hardened shellac is identical to unhardened shellac. When using a rubber (aka Fad or Tampon) apply some oil on long strokes to prevent tearing. This additive slightly slows the drying process which reduces blooming & allows for a brush to be used on large surfaces without the "edge" drying before you have time to get back to the start point.

**SHELF LIFE** - Hardened shellac can be treated as non hardened shellac for the purposes of shelf life. We recommend waxy grades - orange and button - should be used within 24 months of being made up and the de-waxed blonde, ruby, garnet and white grades within 18 months. Refrigerate both flake and made up polish. Shellac is an organic product. Do not freeze.

**MIX RATIOS** - This product assumes you are starting with a polish made up to a 4:1 ratio weight of flake to liquid volume of alcohol (e.g. 1 kilogramme flake to 4 litres of alcohol or 2.2 pounds of flake to 1.05 gallons of alcohol). For a 250ml mix put 40 grams of hardener in the container and top up with the 1:4 shellac mix

For a 500ml mix put 81 grams of hardener in the container and top up with the 1:4 shellac mix etc

Allow 72 hours for the made up hardened mix to mature before use

**THINNING** - When the hardened shellac mix is made up as advised above it can then be thinned as desired for use. The use of 100% denatured absolute alcohol (DAA spirits on the Australian market) or IMS (Industrial Methylated Spirits - usually specified to be 95% proof) is strongly recommended. Hardware store methylated spirits may contain unacceptable amounts of water which can cause blooming in the finished work.

**CLEAN UP** - Note that the common practice of leaving polishing brushes loaded with polish and uncleaned between work sessions cannot apply to hardened polish as brushes will go rock hard and not be restored for use.

**TOUCH UP & RESTORATION** - Hardened shellac cannot be treated as normal shellac for touch ups and re-coats. In this respect it is similar to other catalysed varnish finishes. Re-coats outside the 20 day application window will not meld with the older polish. Scuffing the old surface to form tooth may be attempted.

**TOXICITY** - Given that the ethanol has off-gassed this hardener does not affect the toxicity of the shellac base which is rated as food safe and widely used as a pharmaceutical, confectionery and fruit glossing agent. It is rated as a food by the US FDA.

**DOMESTIC ORDERS** - Have to ship via road courier and require a physical address and delivery instructions

**EXPORT ORDERS** - This product is only available for domestic Australian orders.

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### U Beaut White Shellac Polish

SKU: UBRW-500



Price: **\$48.50** (inc GST)

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- More than 10 in Melbourne
- More than 10 in Perth



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