

## HENEPUR Sun Blocker Rapid

### Product Description

High-quality, acrylate-based, free of yellowing polyurethane-lacquer. Especially appropriate for furniture coatings in interior fittings with perfect flow, very good sandability and excellent filling rate.

**Nano**based raw materials of the newest Generation lends this coating system a high level of scratch resistance.

Selected UV filter protect the coated surface optimal against yellowing.  
A further addition of UV absorbing agents should be avoided.

| TECHNICAL PROPERTIES OF THE LACQUER                                                                                                                     |                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| Resistance against chemical influences                                                                                                                  |                           |
| ÖNORM A 1605-12                                                                                                                                         | request class 1B1         |
| Behavior with abrasion                                                                                                                                  |                           |
| ÖNORM A 1605-12-assay 2                                                                                                                                 | request class 2D (>50 U)  |
| Behavior with scratch load                                                                                                                              |                           |
| ÖNORM A 1605-12-assay 4                                                                                                                                 | request class 4D (>1,0 N) |
| Resistance against flame impingement                                                                                                                    |                           |
| ÖNORM B 3800                                                                                                                                            | B 1                       |
| (in connection with a hardly combustible surface)                                                                                                       | Q 1                       |
|                                                                                                                                                         | TR 1                      |
| TOY LACQUER FINISH                                                                                                                                      |                           |
| PUR Sun Blocker Rapid is suitable for the varnishing of toys. The demands of ÖNORM S 1555 Concerning fastness to perspiration and resistance to saliva. |                           |

### APPLICATION

For all varnishing of strongly stressed surfaces in interior fittings including surfaces of kitchen and sanitary range: range of application II until VIII according to ÖNORM A 1610-12.

Especially for the protective finishing of white and coloured varnished surfaces.

Suitable for applications on surfaces, which were bleached with hydrogen peroxide.

Appropriate for the varnishing of toys as wells as articles out of wood, which can get in contact with foods occasionally.

| TECHNICAL DATA |                                                          |
|----------------|----------------------------------------------------------|
| Binder:        | Acrylate                                                 |
| Density:       | 0,93g/cm³+-0,02 at 20°C                                  |
| Colour:        | colourless                                               |
| Gloss:         | G00 matt; G20 silky matt; G30 silky matt; G50 semi-gloss |
| Viscosity:     | 35+5 sec. DIN 4mm at 20°C                                |

With the publication of this information sheet, all previous data no longer valid. Our written recommendations, technical information sheets, instructions, etc. are provided by the present findings, compiled in good faith and based on his own experiments, research and practical experience. Our technical advice is not binding. This also applies to rights of third parties. The use and processing of our products through your tech-savvy professionals is your responsibility, because our products here are subject to factors that are beyond our control and we can not be assessed because of their complexity. This also requires an examination of our products for their suitability in your intended area of application. Notes taken regarding classification, toxicity and protective measures please see the relevant safety data sheet. Our products are expertly kept tightly sealed and keep away from children. In other respects our general sales, delivery and payment conditions

## PROCESSING HINTS

### Pre-treatment of the substrate:

open pored wood      grain 120 to 180  
Fine pored wood      grain 150 to 220

Intermediate sanding:      grain 240 to 320

### PROCESSING:

|                          |                                                                                                                                                                                                                      |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Working condition:       | between +15 and 25°C                                                                                                                                                                                                 |
| Application              | spraying (Airless, Airmix, Flow gun), curtain coating                                                                                                                                                                |
| Application Quantity     | 100-130g/m <sup>2</sup> per application                                                                                                                                                                              |
| Mixing ratio             | 10 parts HENEPUR Sun Blocker Rapid<br>1 part HENECAT PUR Härter 451                                                                                                                                                  |
| Pot life                 | 36 hours; if mixed material is processed on the next day, you have to mix it 1:1 with freshly hardened material. A further prolongation of the working time is not possible.                                         |
| Correction of viscosity: | HENEVISK Verdünnung 670 or HENEVISK Verdünnung 413                                                                                                                                                                   |
| Drying                   | sandable and recoatable after 1-2 hours, whereas the intermediate sanding has to be always immediately before the next lacquer application. Drying overnight increase the filling power of the following varnishing. |

|               |           |                                                                                                                                                                                              |
|---------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Storage life: | Lacquer:  | at least 208 weeks in non-opened cans; temperature during storage between +15 and 25°C.                                                                                                      |
|               | Hardener: | 104 weeks in sealed original containers at storage Temperatures between +15 and 25 ° C. <b>Caution moisturesensitive.</b><br>Open package should be sealed well and should be consumed quick |
| Arrangement:  | Lacquer:  | 10 l, 25 l and 200 l                                                                                                                                                                         |
|               | Hardener: | HENECAT Härter 451 at 1 l or 2,5 l                                                                                                                                                           |

## IMPORTANT NOTES

- ❖ The hardener has to be stirred in very well.
- ❖ **Processing between +15 and 25°C.**
- ❖ Agitate well before processing.
- ❖ Old lacquer hardener mixtures have poor mechanical and chemical properties
- ❖ At bleached surfaces observe drying time.
- ❖ The dates refer to room temperature. Strong deviations of this can cause changed properties of the lacquer and can lead to a lack of varnishing.
- ❖ Exotic wood types like Indian apple tree etc. can be very sensitive against daylight. To avoid too much change of colors we recommend a pre-treatment by an equalizing stain.
- ❖ Not for application on Glass.

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