

## General Description:

ISOLATOR # 100 is a mono component isolating varnish based on vinyl chloride resins. It is developed to block tannin and moisture content of wood. It is also used as a bonding agent in the coating system of melamine coated surface with aid of polyfunctional isocyanate.

## Major Uses:

Recommended as impregnating coat for veneer woods, white colored woods, beech and ash woods on polyester system.

## Characteristics and Physical Properties:

Appearance	Clear liquid
Specific gravity	0.900 kg/L
Viscosity	15"
Flash point	18 <sup>0</sup> C
Solid content	15%
Dilution	Not required

## Method of Application:

- ISOLATOR # 100 is normally applied by spraying 1 – 2 coats to insulate a stained wood or when humidity may interfere with catalysis of polyester.
- ISOLATOR # 100 can be applied more than 2 – 3 coats by brush with an interval of one hour per coat to insulate palisander or walnut veneer, and apply polyester varnish after 4 – 5 hours and not longer than 48 hours.

- In the application of melamine coated surface, it is advisable to use Isolator # 100 with 10 % Catalyst # 016 on a slightly sanded substrate for proper anchorage. Ensure that the surface to be coated is clean, free from dirt and contaminants.
- If the applied Isolator has been dried for more than 24 hours, proper sanding is required and another thin coat and let dry till tacky prior to the application of the subsequent coat.

## Storage:

ISOLATOR # 100 should be kept in cool place below 25<sup>0</sup>C. Shelf life min. 12 months in a tightly closed container.

## Cleaning of Tools:

All tools should be cleaned with Wash Thinner or PU Thinner # 105 as soon as possible.

## Packing:

Available in 1 USG and 20 lit.

## Physiological Hazards:

ISOLATOR # 100 does not contain dangerous solvents, nevertheless, good ventilation in working rooms is recommended as well as the use of safety tools and equipment. The mixture, in its liquid state is flammable and harmful if swallowed. If contact with eyes occurs, cleanse with fresh water and seek immediate medical advice.

*The above information is given to the best of our knowledge based on laboratory test and practical experience. However, as the paint is often used under condition beyond our control, we cannot guarantee anything but the quality of the paint itself. We reserve the right to change the given data without prior notice.*

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