

**Product name** UV varnish for protection of wooden tools.

**File number** 370-725

**PRODUCT FAMILY** UV varnish

**DESCRIPTION** 100% solid UV varnish made of epoxy resin allowing a good hardness, a good resistance to wear as well as a good chemical resistance. Can be tinted to create the stain of the 370-7XX serie (a different curing energy may be needed)

**INTENDED USES** Designed to be applied over wooden tools to obtain a smooth and comfortable surface for the user.

**PRATICAL INFORMATION**

**Color** clear

**Gloss level** 90%

**Volume solids** 100%

**Film thickness** 0.8 to 1 mils

**Viscosity** 25 ± 2 sec. Ford Cup #4

**Theoretical coverage** 1604 square feet per gallon for a DFT of 1 mils.

**Practical coverage** Consider the appropriate loss factor in accordance with the application equipment and technique.

**Drying time (75°F 50% relative humidity)**

**Dry to touch**  
N/A

**Dry to handle**  
N/A

**Hard Dry**  
N/A

**Overcoating interval with recommended topcoats**

Minimum: N/A

Maximum: N/A

**PRODUCT CHARACTERISTICS** Excellent hardness  
Great transparency and clarity  
Good wear resistance

**SYSTEM'S COMPATIBILITY** The varnish must be cured with UV lamp (mercury bulb). The required energy to cure the product properly is 350 mj/cm<sup>2</sup>. The lamp must be calibrated regularly with a dosimeter. The cure must be verified by a rub test.

**REGULATORY DATA** **Flash Point** n/a

**Product weight** 1 litre = 1.09 kg

**VOC** 0 g/l

**APPLICATION DATA** **Mixing and Ratio** n/a

**Pot life** N/A

**Airless spray** Recommended

**Air spray** Recommended

**Electrostatic application** Not-recommended

**Other equipment** roller coater, annilox

**Thinner** n/a

**Instructions for** The containers must be closed. The varnish must always be kept away from light.

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**shutdowns or  
Cleaner stops** acetone

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**Clean up** N/A

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**SURFACE  
PREPARATION**

Surfaces must be clean and dry free from contaminant. Its is recommended to sand the surfaces to eliminate teh possible defects. The dust must be totally removed from the surfaces before the application of the varnish. Percentage of moisture contain in the wood at the moment of application must be no more than 15%.

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**ADDITIONAL  
INFORMATION**

This product is dedicated for an industrial use. Any activity related to the application of this product and waste disposition must be made in accordance with the national rules and regulations in regards to health, safety and environment.

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**SAFETY  
PRECAUTIONS**

Please, read carefully the Material Safety Data Sheet provided by Société Laurentide Inc. before using this product. This product is photoreactive. Personnel protection equipment must be worn all the time when handling this varnish to avoid skin reaction. Avoid contact with skin. If contact, wash the affected area with warm water and soap. Never use solvent to remove this varnish from the skin.

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**STORAGE**

This product must be kept at am ambient temperature between 10 a 30 celsius degrees. Protect against freezing. Avoid direct sunlight exposition. Keep away from high heat sources. Always protect from light.

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**DISCLAIMER**

The above specifications are provided by Société Laurentide Inc. for information purposes only and in no way constitute a representation, promise, or garantee regarding product use, life cycle or quality. The product identified above must be used in strict conformance with the instructions referred to as well as any other instructions guidelines, or warnings issued by Société Laurentide Inc. Société Laurentide's liability is limited to reimbursement of purchase of a defective product.

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**LAST UPDATE**

2017-07-17

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