



# 700 URETHANE SEALER

JULY 2013

## 2K Urethane Wood Sealer

### Product Data

A top of the range, non yellowing, two pack polyacrylate polyurethane sealer, specifically designed for use under PPG Industries's polyurethane wood finishes.

The hardener is based on aliphatic polyisocyanate.

### Uses

As a polyurethane sealer for high quality furniture, toys, shop fittings, doors, cabinets, desks, panelling, partitions and most interior woodwork.

For exterior use, consult PPG Industries technical staff.

### Packaging

700A Base – 1L, 4L

700B Hardener – 500ml, 1L

### Substrates & Surface Preparation

Wood – Sand and dust down.

MDF – Sand faces with 150 grit, edges with 120 grit followed by 180 grit in the opposite direction.

### Total Solids Content

30.4% (wt), 24.0% (vol) – catalysed.

### Mixing Ratio

Mix 8L 700A Urethane Sealer with 1L 700B Hardener.

### Pot Life

Once catalysed, pot life is 8 hours.

### Thinning and Clean Up

Thin 10-20% with 684 Enamel Reducer SI or 140 Ester Thinner.

### Application

Spray – conventional, pressure pot.

Spray apply 85-125µm WFT / 20-30µm DFT.

Overcoat overnight (sand 360).

Overcoat with 269, 579, 777HS Clears.

### Drying

Rapid drying, but allow to dry overnight, and sand to ensure optimum holdout of topcoat.

### Theoretical Coverage

Approximately 9.6 sq. m/litre @ 25µm DFT (catalysed).

Practical coverage rates will be lower than theoretical and this must be taken into consideration when calculating costs.

## Safety Precautions

Read each component's material safety data sheet before use. Mixed material has hazards of each component. Safety precautions must be strictly followed during storage, handling and use.

## Health & Safety

Avoid breathing vapour. Use with adequate ventilation. High concentrations of vapour may cause headache or nausea, affect the nervous system and respiration.

Do not use in the presence of naked flame or other sources of ignition. Store away from heat.

Wear safety glasses/goggles, an air supplied respirator or hood and PVC or nitrile chemical handling gloves.

If spraying in a confined area, a positive pressure air respirator should be worn.

Store/dispose of residues in accordance with local body regulations.

## First Aid

If poisoning occurs, contact a doctor. The Poisons Information Centre may be of assistance – telephone 0800 POISON (NZ), 13-11-26 (Australia).

If swallowed, do NOT induce vomiting. Give a glass of water to drink and get medical attention urgently. If affected by vapour, get into fresh air immediately. If splashed into the eyes, flush them with copious quantities of clean water for 15 minutes and get urgent medical attention.

If splashed onto skin, wash with soap and water.

For further information, refer to the Material Safety Data Sheet for this product.

## CAUTION:

**Improper use and handling of this product can be hazardous to health.**

**Do not use this product without first taking all appropriate safety measures to prevent property damage and injuries. These measures may include, without limitation: implementation of proper ventilation, use of proper lamps, wearing of proper protective clothing and masks, tenting and proper separation of application areas. Consult your supervisor. Proper ventilation and protective measures must be provided during application and drying to keep spray mists and vapour concentrations within safe limits and to protect against toxic hazards. Necessary safety equipment must be used and ventilation requirements carefully observed, especially in confined or enclosed spaces, such as tank interiors and buildings.**

**This product is to be used by those knowledgeable about proper application methods. PPG Industries makes no recommendation about the types of safety measure that may need to be adopted because these depend on application environment and space, of which PPG Industries is unaware and over which it has no control.**

**If you do not fully understand these warnings and instructions or if you cannot strictly comply with them, do not use the product.**

***This product is for professional use only. Not for residential use.***

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