



# 849/2 PRECAT CLEAR

MARCH 2006

## Precat Lacquer

### Product Data

A single pack, precatylised, fast curing modified N/C lacquer available at different gloss levels.

- Fast drying and curing
- Smooth, silky feel
- Pale colour
- Resistant to whitening and scratching
- Fast sanding
- Alcohol and stain resistant
- Abrasion and scuff resistant
- Perfume resistant

### Uses

As a finish for high quality furniture, toys, shop fittings, doors, cabinets, desks, panelling, partitions and most interior woodwork. Do not recoat with nitro-cellulose lacquer.

Not recommended for table / bar tops, where surface becomes frequently wet --recommend Polyurethane system.

This finish should not be used in areas exposed to extreme conditions of temperature, moisture or abrasion as frequently met in kitchens and bathrooms. During hot weather, rapid drying may cause flow problems and dusting or dry spray on large areas. The addition of 539R Acrylic Retarder will help overcome this problem.

With low temperatures, heavy coatings often cannot be applied on vertical surfaces without sagging and runs. A reduction in pot pressure can assist by increasing the evaporation of the solvent.

High humidity conditions may require the addition of 539R Acrylic Retarder to overcome blushing and chilling.

### Colour Availability

Clear

G5, G10, G20, G30, G50, G75, Fullgloss

### Packaging

Available 1L, 4L, 20L, 210L

### Substrates

Wood

### Total Solids Content

27% (wt), 20% (vol) - For Clear G50.

### Surface Preparation

Wood – Sand and dust down.

### Thinning and Clean Up

Thin with up to 40 – 50% 265 Floglos. Clean gun and equipment with 265 Floglos.

### Application

Spray – conventional, airless or pressure pot.

Spray a single, double header coat for sealer coat and 1-2 double header coats for subsequent coats.

Can be curtain coated.

### Drying

Approximate air dry times at 25 deg C.

Dust free – 10 minutes

Print free – 15 minutes

Sanding – 1 hour

Hard dry – 16 hours. Can be force dried 49-60°C for 10-15 minutes.

Recoating time – 1 hour minimum

### Theoretical Coverage

Approximately 4 sq. m/litre @ 50µm DFT.

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.***



# 849/2 PRECAT CLEAR

## Substrate Systems

### Preparation

Wood – Sand and dust down

Substrate / Recommended System	WFT / DFT (Microns)	Overcoat Time @ 20 Degrees C	Overcoat Preparation
<b>WOOD (Natural finish, unstained) Sys 1</b> 1 <sup>st</sup> coat 849/2 Precat Clear 2 <sup>nd</sup> coat 849/2 Precat Clear	125-150 / 25-30 250-350 / 50-70	1 hr	Sand 320
<b>WOOD (Natural finish, unstained) Sys 2</b> 1 <sup>st</sup> coat 897 Board Sealer 2 <sup>nd</sup> coat 849/2 Precat Clear	120-180 / 20-30 250-350 / 50-70	1 hr plus	Sand 320
<b>WOOD (Natural finish, unstained) Sys 3</b> 1 <sup>st</sup> coat 849S Sealer 2 <sup>nd</sup> coat 849/2 Precat Clear	65-100 / 20-30 250-350 / 50-70	Overnight	Sand 320
<b>WOOD (Natural finish, stained) Sys 1</b> 1 <sup>st</sup> coat 880 NGR Stain 2 <sup>nd</sup> coat 849/2 Precat Clear OR 897 Board Sealer OR 949S Sealer 3 <sup>rd</sup> coat 849/2 Precat Clear	125-150 / 25-30 120-180 / 20-30 65-100 / 20-30 250-350 / 50-70	30 mins 1 hr 1 hr plus Overnight	N/A Sand 320 Sand 320 Sand 320
<b>WOOD (Natural finish, stained) Sys 2</b> 1 <sup>st</sup> coat 8359 Spray Stain 2 <sup>nd</sup> coat 849/2 Precat Clear OR 897 Board Sealer OR 949S Sealer 3 <sup>rd</sup> coat 849/2 Precat Clear	125-150 / 25-30 120-180 / 20-30 65-100 / 20-30 250-350 / 50-70	45-60 mins 1 hr 1 hr plus Overnight	N/A Sand 320 Sand 320 Sand 320

WFT = Wet Film Thickness

DFT = Dry Film Thickness

Technical information given verbally or in writing is based on knowledge and research, given in good faith and believed to be reliable, but no guarantee of accuracy is made or implied. Since methods and conditions of use are beyond our control, all merchandise is sold and received subject to the condition that our liability whether express or implied for any defect in quality, or for any lack of fitness for the specified use thereof, is limited to the return of the purchase price if written claim is made within 14 days from date of delivery. It is recommended that the user makes his or her own tests to determine the suitability of the product for his own requirements. Freedom from patent restrictions is not implied.

PPG Industries NZ Ltd • 5 Monahan Road • Mt Wellington • Auckland • Phone 0800-263 766 • Fax 0800-659 377  
PPG Industries Australia Ltd • McNaughton Rd • Clayton • VIC 3169 • Phone 1300 305 699 • Fax 1300 304 214