



949 MULTIBUILD

JULY 2002

Precat Lacquer

Product Data

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

949 is based on a low hydrocarbon blend of solvents.

- Fast drying and curing
- Smooth, silky feel
- Pale colour
- Resistant to scratching
- Excellent resistance to abrasion, solvent, alcohol, perfume and stains

Uses

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

NOT RECOMMENDED FOR TABLE/BAR TOPS, WHERE SURFACE BECOMES FREQUENTLY WET – RECOMMEND 2K POLYURETHANE SYSTEM.

Do not use for repair system for nitrocellulose lacquers.

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, Black, White and tinted colours available at Point Of Sale.

Packaging

Available 1L, 4L, 20L

Total Solids Content

53.0% (wt), 37.6% (vol) – for White

Substrates

Wood
MDF

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.

Thinning and Clean Up

Thin with up to 75% 140 Thinner.

For seal coat use 75-100% 140 Thinner.

Clean gun and equipment with 777TF or 140 Thinner.

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.

Drying

Approximate air dry times at 25 deg C.

Dust free – 10 minutes

Print free – 20 minutes

Sanding – Overnight

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

Recoating time – 16 hours

Note – The above times will be adversely affected below 15 deg C.

Theoretical Coverage

Approximately 7.5 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.



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Substrate Systems

Preparation

Wood – Sand and dust down

MDF – Sand and dust down

Substrate / Recommended System	WFT / DFT (Microns)	Overcoat Time @ 20 Degrees C	Overcoat Preparation
WOOD (Natural finish, unstained) System 1 1 st coat 949 Multibuild Clear 2 nd coat 949 Multibuild Clear	65-80 / 25-30 130-185 / 50-70	Overnight	Sand 320
WOOD (Natural finish, unstained) System 2 1 st coat 949S Sealer 2 nd coat 949 Multibuild Clear	65-100 / 20-30 130-185 / 50-70	Overnight	Sand 320
WOOD (Natural finish, stained) System 1 1 st coat 880 NGR Stain 2 nd coat 949 Multibuild Clear OR 949S Sealer 3 rd coat 949 Multibuild Clear	65-80 / 25-30 65-100 / 20-30 130-185 / 50-70	30 mins Overnight Overnight	N/A Sand 320 Sand 320
WOOD (Natural finish, stained) System 2 1 st coat 8359 Spray Stain 2 nd coat 949 Multibuild Clear OR 949S Sealer 3 rd coat 949 Multibuild Clear	65-80 / 25-30 65-100 / 20-30 130-185 / 50-70	45-60 mins Overnight Overnight	N/A Sand 320 Sand 320
WOOD / MDF (Solid Colours) 1 st coat 949P Primer 2 nd coat 949 Multibuild	140-165 / 50-60 105-160 / 40-60	Overnight	Sand 320

WFT = Wet Film Thickness

DFT = Dry Film Thickness

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