

777HS SUPERCAT

JULY 2015

Acid Catalysed Enamel 酸固化涂料

Product Data 产品信息

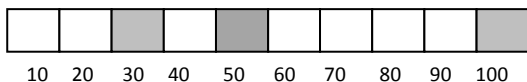
Supercat is a high quality, isocyanate-free, two pack wood finish. Its main features are:

Supercat是高品质的，不含异氰酸酯的双组分涂料：

- High solids content 高固含
- Hard, durable finish 硬度高，耐候性好
- Low formaldehyde emission 低甲醛释放量
- Low toxic solvents 低毒性

Designed as a high quality furniture finish, where a durable system is required. Has excellent resistance to abrasion, heat, solvent, alcohol, perfume, stains.

此涂料专为高品质的家具设计，有优异的耐久性、耐磨性、耐高温、耐化学性和抗沾污性。



Available at 30%, 50%, 100% gloss levels.

产品光泽分别设计为 30%, 50%, 100%。

The catalyst is acid, dissolved in solvent.

催化剂为溶于有机溶剂的酸。

Uses 应用

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

此涂料应用于高品质家具，橱柜，玩具，商店柜板，桌台及其它木制器具。

For gloss reduced metallics, recommend using full gloss metallic, followed by gloss reduced clearcoat.

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

不推荐应用于经常处于潮湿状态的酒吧台或桌面(另推荐聚氨酯涂料应用于此类场所)

Colour Availability 涂料颜色

Clear, White, Black and tinted solid and metallic colours available at Point Of Sale. 透明清漆，白色，黑色和各种金属质感的颜色。

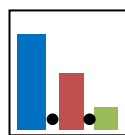
Packaging 包装规格

777HS Base – 1L, 4L, 20L

777B Catalyst – 1L, 4L

777C Catalyst – 1L, 4L

777CF Catalyst – 1L, 4L



Mixing Ratio

Mix 20L 777HS with 1L 777B Catalyst.

Mix 4L 777HS with 1L 777C or 777CF Catalyst.

Pot Life 可使用期

Once catalysed, pot life is 8 hours.

涂料与酸催化剂混合后，需在8小时内使用完毕。

Theoretical Coverage

Approximately 8.8 sq. m/litre @ 50µm DFT (catalysed with 777C). Practical coverage rates will be lower than theoretical and this must be taken into consideration when calculating costs.

Substrates

Can be applied over suitably primed

Wood

MDF

Surface Preparation 底材准备

Wood – Sand and dust down, apply primer.

木材 - 打磨、除尘、涂装头道底漆

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

中密度板 – 150号砂纸打磨平面部分，用120号砂纸打磨边角然后再用180号砂纸反方向打磨一遍，最后涂装头道底漆。

Thinning and Clean Up 稀释和清洗

After catalysing with 777B, thin as indicated

与777B催化剂混合后，按以下比例混合稀释剂

Solid Colours: 30-40% 777T (fullgloss), 777TF (G30, G50).

Metallics: 50-75% 777TF.

Using 777C or 777CF catalyst:

与777C或777CF催化剂混合后，稀释如下比例：

Solid Colours: 10-20% 777T (fullgloss), 777TF (G30, G50).

Metallics: 25-50% 777TF

To avoid discolouration, mix product in an acid resistant container.

Drying 干燥

Approximate air dry times at 20-25 deg C.

20-25 deg C下自干所需时间如下

Dust free – 15 minutes

Print free – 2 hours

Hard dry – Overnight

Sanding - Overnight

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

Application 涂装

Contact spray equipment suppliers for application details.

喷涂设备供应商提供具体涂装参数

Solid colours: Air assisted airless, or conventional spray.

实色漆：空气辅助无气式喷涂，或传统空气式喷涂。

Metallics: Conventional spray only. Do NOT use air assisted airless. Use lacquer setup for gun. Apply 1st coat as light, wet coat. Allow to flash off (10 mins), then apply further light, wet coats until hiding has been achieved. Then apply clearcoat, thinned the same as the metallic coat) in two coats, with flash-off between coats.

金属色：只适合使用传统空气式喷涂，不适合用空气辅助无气式喷涂。可先薄涂一道干湿适宜的涂层，并自然闪干（10分钟），然后再涂一道并自然闪干，直到达到要求的遮盖力。

Spray to a consistent film build to avoid colour variation from panel to panel.

喷涂膜厚要均匀以避免不同部位或不同工件之间的颜色外观差异。

Do NOT apply by hot spray.

不要加热涂料或在高温下喷涂

Do NOT use Flo-Rite in this product.

Safety Precautions 安全预防

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.

使用前需阅读MSDS，储存，运输，使用时要遵循安全须知。



777 SUPERCAT

Substrate Systems 适用于不同底材的涂料体系

Preparation 准备

Wood / MDF – Sand and dust down 打磨并除尘

| Substrate / Recommended System | DFT (Microns) | Overcoat Time @ 20 Degrees C 可复涂时间 | Overcoat Preparation 复涂前打磨 |
|---|-------------------------|---------------------------------------|-------------------------------|
| WOOD – SOLID (Clear finish) 实木(清漆) 1 st coat 700 Urethane Sealer 2 nd coat 777HS Supercat Clear | 20-30 40-60 | 16-24 hrs | Sand 360 |
| WOOD – VENEER (Clear Finish) 复合板(清漆) 1 st coat 777S Supercat Sealer 2 nd coat 777HS Supercat Clear | 20-30 40-60 | 16 hrs | Sand 360 |
| WOOD / MDF (Solid colours) 中密度板 (实色漆) 1 st coat 777P Supercat Primer 2 nd coat 777HS Supercat | 50-60 40-60 | 16 hrs | Sand 360 |
| WOOD / MDF (Metallic finish) 中密度板 (金属色涂料) 1 st coat 777P Supercat Primer 2 nd coat 777HS Supercat Metallic 3 rd coat 777HS Supercat Clear | 50-60 40-60 40-60 | 16 hrs 20 mins | Sand 360 N/A |

DFT = Dry Film Thickness

DFT=干膜厚度

All the above systems are for INTERIOR USE ONLY

以上涂料体系专为室内木器设计

Health & Safety 健康和安全

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

避免吸入挥发物, 通风畅通. 较高浓度的挥发物会引起头痛恶心, 影响神经和呼吸系统。

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

不要接触明火, 远离高温.

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.

佩戴防护眼镜, 呼吸面具和PVC或丁腈手套.

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

储存/处理废液或残留物需符合当地的安全法规.

First Aid 急救

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

如果发生中毒, 立即就医。

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.

如不慎吞咽, 立即就医. 若溅入眼睛, 用大量水冲洗15分钟并立即就医

If splashed onto skin, wash with soap and water.

若沾染皮肤, 用肥皂和水洗净

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

更多信息, 请见 MSDS.

CAUTION 警告:

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.

此产品仅供涂料和涂装的专业人员使用

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