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PRODUCT INFORMATION SHEET

19-9-11

2 PACK PLATINUM MS CLEAR

Description:

HiChem 2 Pack Platinum MS Clear is a versatile, user friendly high productivity medium solids 2 pack clear coat for professional automotive refinishing.

Offers a tough, durable coating with excellent gloss and film clarity.

Ideal for use in basecoat / clearcoat refinishing systems using oven low-bake, or infrared curing.

May be used as an air dry coating when ambient temperature is above 18⁰C.

For fast air dry applications such as small parts and part panels or when temperature is below 18⁰C *HiChem Express Clear* is preferred.

Also available in reduced gloss levels- *2 Pack Platinum MS Clear 2:1 Satin 30%* and *2 Pack Platinum MS Clear 2:1 Satin 70%*.

Uses:

Use where high productivity and fast through put is required.

Can be sprayed to achieve a glass like, perfectly levelled finish or to match OEM orange peel.

Features:

Excellent flow and levelling

High productivity

Minimal compounding

Ideal for matching OEM finishes.

System Components:

- *HiChem 2 Pack Platinum MS Clear*
- *HiChem 2 Pack Hardeners (Fast or Medium or Slow)*
- *HiChem 2 Pack Thinner (2PTF-Fast, 2PTN-Normal or 2PTS-Slow)*
- *2K Accelerator* (see *2K Accelerator* Product Information Sheet)
- Yellow 2:1 ratio measuring stick

Application:

Mix 2 parts by volume of *2 Pack Platinum Clear* with 1 part of volume *2 Pack Hardener (Fast or Medium or Slow)*. Add 5 to 10 per cent by volume of *2 Pack Thinner (2PTF-Fast, 2PTN-Normal or 2PTS-Slow)*.

Application viscosity should be approx. 17 secs. by Ford cup no. 4 at 20C.

Apply 2-3 single wet coats allowing a flash-off time of 10-15 minutes between coats.

For best results always maintain the recommended thinning ratio. To match OEM orange peel effect reduce amount of *2 Pack Thinner* added. Test before final application.

For further information refer to the *HiChem Colour Systems Manual*.

Drying Time:

Low Bake: A 10 minute flash-off time is required before force drying for 30-45 minutes at 60⁰C metal temperature.

Infra-red: Flash-off for 10 minutes then 10-20 minutes IR exposure.

Air dry: Touch dry approx. 2-3 hours, dry to handle approx. 6 hours. Drying time will vary depending on factors such as air temperature, flash off times and film thickness. Full cure will be achieved in approximately 7 days.

N.B. Choose *Hardeners* and *Thinners* according to temperature and size of object to be painted. Drying time will vary accordingly. For air dry application use *2 Pack Hardener Fast* and *2 Pack Thinner Normal*.

HiChem 2K Accelerator may be used to reduce bake times. For more information see the Product information Sheet.

For rework before full cure, apply *2 Pack Iso-Free Primer / Isolator* or *1K Spot Repair Primer*.

Pot Life:

Approx. 6 hours at 20° C.

Coverage

Approx. 9.8m²/L when applied at a dry film thickness of 25 microns.

Clean Up:

Use *Superglow* or *Aclac 20* thinners.

Storage:

Ensure that the *2 Pack Hardener* is tightly resealed after use in order that reaction with moisture in the atmosphere is prevented.

Sanding/Polishing:

Use Superfine Grade paper to remove imperfections such as runs

If polishing is required use a specially formulated non-burnishing cream.

Standard Packaging and Product Codes

Product	500ml	1 litre	4/5Litre	20 Litre
2 Pack Platinum MS Clear	-	2PPC1	2PPC4	-
2 Pack Platinum MS Clear 2:1 Satin	-	-	2PPSC30.4	-
2 Pack Platinum MS Clear 2:1 Satin	-	-	2PPSC70.4	-
2 Pack Hardener Fast	2PHF500	2PHF1	2PHF5	
2 Pack Hardener Medium	2PHM500	2PHM1	2PHM5	
2 Pack Hardener Slow	2PHS500	2PHS1	2PHS5	
2 Pack Thinner 2PTF-Fast	-	2PTF1	2PTF4	2PTF20
2 Pack Thinner- 2PTN-Normal	-	2PTM1	2PTM4	2PTM20
2 Pack Thinner-2PTS-Slow	-	2PTS1	2PTS4	2PTS20
2K Accelerator		2KACC1		

Health & Safety:

Refer to the Safety Guidelines and warnings set out on the labels and in the Material Safety Data Sheets. The 2 Pack Hardener and mixed material contain free isocyanates and should be used only in a properly ventilated spray booth.

The information contained in this bulletin is presented in good faith based on thorough laboratory and field-testing but without warranty. As we have no control over the conditions under which these products are used, it is recommended that all products be tested by the end user to ensure the suitability of the product for the particular application and conditions.