



# TECHNICAL DATA SHEET

## 606 CARMASTER PROCLEAR HS

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Revised: April 2008

<b>DESCRIPTION</b>	606 CARMASTER PROCLEAR HS is a high solids 2-Pack acrylic urethane clear designed specifically for low bake oven curing, although it will air dry satisfactorily under normal conditions. CARMASTER PROCLEAR HS is suitable for the repair and refinishing of all transport vehicles using a clear on base colour coating system.
<b>SUITABLE SUBSTRATES</b>	606 CARMASTER PROCLEAR HS is ideally suited for use over 706 PARAGLAZE BASECOAT and over degreased and sanded baked enamel and 2 Pack enamel.
<b>DRYING</b>	<p><b>AIR DRY:</b> At normal ambient temperatures of 20 -25°C 606 PARAGLAZE MS CLEAR will be:</p> <ul style="list-style-type: none"><li>• DUST FREE 10 minutes</li><li>• TOUCH DRY 4 - 5 hours</li><li>• HARD DRY 16 hours</li></ul> <p><b>LOW BAKE:</b> Temperature referred to below is not booth air temperature but body metal temperature.</p> <p style="text-align: center;"><b>60°C</b></p> <hr/> <ul style="list-style-type: none"><li>• DUST FREE 3 minutes</li><li>• TOUCH DRY 20 minutes</li><li>• HARD DRY 40 minutes</li></ul>
<b>MIXING RATIO</b>	<ul style="list-style-type: none"><li>• Mix 2 parts by volume of 606 CARMASTER PROCLEAR HS - PACK A with 1 part by volume of 606 CARMASTER PROCLEAR HS HARDENER</li><li>• 606 PROCLEAR HS HARDENER PACK B may be either of the following depending upon ambient temperature and application conditions</li><li>• 606 - 9526 HS HARDENER - STANDARD</li><li>• 606 - 9549 MS HARDENER - FAST</li></ul>
<b>POT LIFE</b>	<ul style="list-style-type: none"><li>• Once 606 PROCLEAR HS PACK A has been mixed with 606 PROCLEAR HS HARDENER PACK B, the useable life of the mixed material is approximately 4-6 hours @ 25°C.</li><li>• Higher ambient temperatures may considerably reduce the pot life.</li></ul>
<b>THINNING</b>	<ul style="list-style-type: none"><li>• Thin the mixed material (2 parts by volume of Pack A and 1 part by volume of Pack B) up to 205 by volume with either of the following reducers.</li><li>• Depending on the area and surface being coated, three reducers are available:<ul style="list-style-type: none"><li>• R160 PARAGLAZE REDUCER - FAST</li><li>• R199 PARAGLAZE REDUCER</li><li>• R225 PARAGLAZE REDUCER - SLOW</li></ul></li></ul>



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**APPLICATION** Apply two medium coats allowing 5 -10 minutes flash off between coats.

Spray gun setup:

	<b>Fluid Tip</b>	<b>Spray Pressure</b>
Gravity Feed	1.4-1.6 mm	300 - 450 kPa
Suction Feed	1.6 - 1.8 mm	300 - 450 kPa
HVLP	1.3 - 1.5 mm	70 kPa

### PACK SIZES

606 CARMASTER PROCLEAR HS - PACK A

- 5 Litres

606 CARMASTER PROCLEAR HS HARDENER

- 2.5 Litre

R160 PARAGLAZE REDUCER – FAST

- 20 Litres
- 4 Litres

R199 PARAGLAZE REDUCER

- 20 Litres
- 4 Litres

R225 PARAGLAZE REDUCER – SLOW

- 20 Litres
- 4 Litres

### PRECAUTIONS

Avoid breathing vapour and contact with skin. Ensure all mixing and handling of hardener and paint containing hardener is carried out under working conditions that prevent skin contact or inhalation of vapour. Wear impervious gloves in a ventilated booth filled with an effective filtered exhaust system. Do NOT smoke whilst handling this material. Breathing of fumes or spray mist can cause sensitisation and asthma like reaction. Persons suffering from chronic respiratory problems should not use this product. Hardener is extremely sensitive to moisture and should be used as soon as possible after opening. Keep all containers thoroughly closed when not in use.

### HEALTH AND SAFETY

606 CARMASTER PROCLEAR HS PACK A contains flammable solvents and must be kept away from heat and open flames. Do not smoke whilst handling this product . 606 CARMASTER PROCLEAR HS HARDENER - PACK B also contains a maximum content of 0.3% volatile free Isocyanate. Avoid breathing the vapour and unnecessary skin contact. Breathing vapour, spray mist or dust from sanding is harmful and may cause lung irritation and asthma-like respiratory reaction. Keep containers thoroughly sealed when not in use. When spraying mixed material (Pack A to which Pack B has been added) the operator must wear a positive pressure air supplied full face respirator. The spray area must be isolated from other people whilst spraying is in progress and until all spray mist has been effectively dispersed. Spray in a booth fitted with an effective filtered exhaust system and comply to local regulations regarding spray painting.



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### FIRST AID

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<b>Eyes</b>	If splashed in eyes, irrigate with copious amounts of clean water for 15 minutes. Seek medical aid if irritation persists.
<b>Skin</b>	If splashed on skin, wash affected area thoroughly with soap and water. If irritation persists seek medical aid. Remove all contaminated clothing and launder before re-use.
<b>Inhalation</b>	If affected by exposure to vapours, remove from area, keep at rest and seek medical aid if symptoms persist.
<b>Ingestion</b>	If swallowed, give glass of water to drink and seek medical assistance. <b>DO NOT</b> induce vomiting.

*Consult separate Material Safety Data Sheet for more detailed Health and Safety information.*