



## 606 PARAGLAZE MS CLEAR

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Revised: April 2008

<b>DESCRIPTION</b>	606 MS CLEAR is a premium quality, medium solids, two pack acrylic urethane enamel product specifically designed for low bake oven curing, although it will air dry satisfactorily under normal conditions. It has been developed in Australia for maximum performance under Australian conditions with outstanding resistance to outdoor weathering and U.V. degradation and exhibits outstanding results when used over 706 PARAGLAZE BASECOAT in a clear on base system. 606 PARAGLAZE MS CLEAR is ideally suited for the repair and refinishing of all road transport vehicles including cars, trucks and buses, whenever a high quality finish is desired.
<b>FEATURES</b>	606 PARAGLAZE MS CLEAR exhibits the following outstanding properties: <ul style="list-style-type: none"><li>• Ease of application - 2 or 3 coats</li><li>• Exceptionally high gloss and clarity of image</li><li>• Superior gloss retention</li><li>• Non yellowing</li><li>• Superior colour retention</li><li>• Outstanding resistance to weathering</li><li>• Excellent hardness and abrasion resistance</li><li>• Excellent solvent and chemical resistance</li><li>• Excellent water and humidity resistance</li></ul>
<b>MIXING RATIO</b>	<ul style="list-style-type: none"><li>• Mix 2 parts by volume of 606 PARAGLAZE MS CLEAR PACK A with 1 part by volume of 606 PARAGLAZE MS HARDENER</li></ul> <p>606 PARAGLAZE MS HARDENER PACK B may be either of the following depending upon ambient temperature and application conditions:</p> <ul style="list-style-type: none"><li>• 606 – 9163 MS HARDENER – STANDARD</li><li>• 606 – 9235 MS HARDENER – SLOW</li><li>• 606 – 9166 MS HARDENER – FAST</li><li>• 606 – 9394 MS HARDENER – MEDIUM</li><li>• 606 – 9417 MS HARDENER – RAPID</li></ul>
<b>POT LIFE</b>	Once 606 PARAGLAZE MS CLEAR PACK A has been mixed with: <ul style="list-style-type: none"><li>• 606 PARAGLAZE MS 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>	Thin the mixed material (2 parts by volume of Pack A and 1 part by volume of Pack B) either: <ul style="list-style-type: none"><li>• 5 - 10% by volume of R199 PARAGLAZE ACRYLIC URETHANE ENAMEL REDUCER for 2 coat application.</li><li>• 15 - 20% by volume of R199 PARAGLAZE ACRYLIC URETHANE ENAMEL REDUCER for 3 coat application.</li></ul> 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>



# TECHNICAL DATA SHEET

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### SUITABLE SUBSTRATES

- 606 PARAGLAZE MS CLEAR is ideally suited for use over 706 PARAGLAZE BASECOAT and over degreased and sanded baked enamel and 2 Pack enamel.

### DRYING

**AIR DRY:** At normal ambient temperatures of 20 -25°C 606 PARAGLAZE MS CLEAR will be:

- DUST FREE 30 minutes
- TOUCH DRY 2-3 hours
- HARD DRY 16 hours
- POLISHING 24 hours

Full cure will not be attained for at least 7 days.

**LOW BAKE:** Temperature referred to below is not booth air temperature but body metal temperature.

	40°C	60°C
• DUST FREE	10 minutes	5 minutes
• TOUCH DRY	30 minutes	15 minutes
• HARD DRY	60 minutes	30 minutes

### APPLICATION

Apply one medium coat followed by either one or two medium full coats allowing

- 5 -10 minutes flash off between coats.
- Do not apply excessively heavy coats. Dry film builds should be in the range of 50-80 microns.

Spray gun setup:

	Fluid Tip	Spray Pressure
Gravity Feed	1.4 -1.6 mm	300 - 400 kPa
Suction Feed	1.5 - 1.8 mm	300 - 400 kPa
HVLP	1.3 - 1.5 mm	70 kPa

Application Viscosity at:

- 5% Reduction: 22 - 25 sec BS Flow Cup
- 20 % Reduction: 18 - 21 sec BS Flow Cup

#### HVLP - DeVILBISS - Gravity

Mixing Ratio	2:1
Thinner Ratio / Reducer	10 -15% R199
Air Cap Number	105
Fluid Tip (mm)	1.4 - 1.6
Pressure at Air Cap	2 Bar / 29 psi
Paint Visc Flow Cup 25°C	20 - 22 sec
Distance from Object	180 - 210 mm

### POLISHING

- Defective areas may be sanded lightly and polished after 30 minutes low baking @ 60°C or 16 hours drying under normal ambient conditions.
- Do NOT use coarse abrasive compounds.



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### PACK SIZES

- 606 PARAGLAZE MS CLEAR PACK A - 4 Litres, 1 Litre
- 606 PARAGLAZE MS HARDENER - 1 Litre, 500 mL
- 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 PARAGLAZE MS CLEAR PACK A contains flammable solvents and must be kept away from heat and open flames. Do not smoke whilst handling this product. 606 PARAGLAZE MS 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.

### FIRST AID

<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.*