

The Multi-Gard GP (general purpose) products are formulated to protect steel substrates in a variety of service exposures typical of industrial OEM equipment destinations. The Multi-Gard line tends toward rapid cure to handle and re-coat to facilitate through-put in shop painting applications.

## Selection & Specification Data

<b>Generic Type</b>	Multi-Gard® GP 14 <sup>AU</sup> is a modified alkyd
<b>Description</b>	High-gloss, fast dry, modified alkyd enamel with excellent application characteristics and overall appearance for shop use only.
<b>Features</b>	<ul style="list-style-type: none"> <li>• High Gloss finish</li> <li>▪ Ultra-fast dry times</li> <li>▪ Easily maintained</li> <li>▪ Extensive colour range</li> <li>• Ideal for OEM applications</li> </ul>
<b>Gloss</b>	High Gloss
<b>Colour</b>	Aluminium, Black, Golden Yellow, New Cat Yellow #2, White, AS 2700 and BS 5252 colours  Satin Black (MTO)
<b>Primers</b>	Multi-Gard® Etch <sup>AU</sup> and GP 5 <sup>AU</sup>
<b>Dry Film Thickness</b>	40µm
<b>Solids Content</b>	40%
<b>Theoretical Coverage Rate</b>	40 microns DFT covers 10 sq. metres per litre
<b>Mix Ratio</b>	N/A
<b>VOC Values</b>	As supplied: 490 g/L May vary slightly with colour
<b>Limitations</b>	<ul style="list-style-type: none"> <li>• Resistance to acids and alkali is poor</li> <li>• Resistance to solvents is fair, will withstand splash with aliphatic solvents</li> <li>• Weatherability is good in mild environments when applied to the recommended film thickness</li> <li>• Some colours may fade on exterior exposure</li> </ul>

## Substrates & Surface Preparation

<b>General</b>	All surfaces to be coated must be clean, dry and free from contamination. Oil or grease should be removed in accordance with AS1627.1 (SSPC SP1) solvent cleaning. Apply over recommended primer
<b>Steel</b>	Apply over suitably prepared and primed steel

## Application Equipment

Listed below are general equipment guidelines for the application of this product. Job site conditions may require modifications to these guidelines to achieve the desired results. **General Guidelines:**

<b>Spray Application (General)</b>	The following spray equipment has been found suitable and is available from manufacturers such as DeVilbiss and Graco.
<b>Conventional Spray</b>	Pressure pot equipped with dual regulators, 3/8" I.D. Minimum material hose, 1.2mm to 1.4mm fluid tip and appropriate air cap.
<b>Airless Spray</b>	Pump Ratio 30:1 Material Hose 3/8" I.D min Tip Size 0.013
<b>Brush &amp; Roller (General)</b>	Touch-up and small areas only.

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# Multi-Gard® GP 14<sup>AU</sup>

## Mixing & Thinning

<b>Mixing</b>	Use mechanical agitation for proper mixing, to ensure a smooth homogenous condition. Stir until thoroughly mixed.
<b>Ratio</b>	N/A – single pack
<b>Thinning</b>	Thin up to 10% with Thinning Solvent #10. Use of other thinners may adversely affect product performance and void product warranty, whether expressed or implied.
<b>Pot Life</b>	N/A

## Cleanup & Safety

<b>Cleanup</b>	Use Thinning Solvent #2 or Acetone. In case of spillage, absorb and dispose of in accordance with local applicable regulations.
<b>Safety</b>	Read and follow all caution statements on this product data sheet and on the SDS for this product. Employ normal workmanlike safety precautions. Hypersensitive persons should wear protective clothing, gloves and use protective cream on face, hands and all exposed areas.
<b>Ventilation</b>	When sprayed may be harmful by inhalation - do not breath vapour or spray. Wear suitable clothing, gloves, eye and face protection.

## Application Conditions

Condition	Material	Surface	Ambient	Humidity
Min - Max	5°-50°C	5°-45°C	5°-50°C	0-85%

Industry standards are for substrate temperatures to be 3°C above the dew point.

## Curing Schedule

Surface Temp. & 50% Relative Humidity	Dry to Recoat	Dry Hard
5°C	12 Hours	3-4 Days
10°C	6 Hours	24-36 Hours
25°C	3 Hours	20-24 Hours
30°C	3 Hours	20-24 Hours

## Packaging, Handling & Storage

<b>Pack Sizes</b>	4 litre and 10 litre packs
<b>Flash Point (Setaflash)</b>	33° - 47°C
<b>Storage Temperature &amp; Humidity</b>	Store under cover in dry conditions. 4°-40°C 0-80% RH
<b>Shelf Life</b>	12 months at 24°C
<b>*Shelf Life: (actual stated shelf life) when kept at recommended storage conditions and in original unopened containers</b>	



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