

Product Description

Two-component polyurethane high gloss clear enamel based on acrylic polyol and polyisocyanate resin

Recommended Use

Suitable for the coated metallic surfaces

Features

Fast drying
Excellent gloss retention
Excellent yellowing resistance
Excellent chemical resistance
Excellent abrasion resistance

Physical Characteristics

| Recommended Application Data | Dry Film Thickness (μm) | Theoretical Coverage (m ² /l) |
|--|--------------------------------------|--|
| | 20 μm | 10 m ² /l |
| Specific Gravity | 0.97 – 1.20 | |
| Flash Point | 27 °C | |
| Finish | High Gloss | |
| Color Range | Clear | |
| Standard Packing Size | 1.5L set (1L Base and 0.5L Hardener) | |
| Mixing Ratio By Weight (Base : Hardener) | 2 : 1 | |
| Pot Life | 4 hours | |
| Shelf Life | 24 months | |

Application Method

| | |
|----------------|-----------------------------------|
| Air Spray | Recommended method of application |
| Thinning Ratio | 30 – 50 % by weight |

Drying Time At 30°C

| Dust Free | Touch Dry | Hard Dry | Overcoating Interval | |
|------------|-----------|----------|----------------------|----------------|
| | | | Minimum | Maximum |
| 40 minutes | 4 hours | 7 hours | 8 hours | Not applicable |

Useful Information

| | |
|----------|--|
| Thinner | APM A2K Thinner |
| Cleaner | APM A2K Thinner |
| Storage | Store in a cool shaded dry area |
| Disposal | Always keep container in a secure upright position. Use sand to contain any spillage. Dispose of paint in accordance with the appropriate Environmental Quality Regulations. |

Surface Preparation

The service and life span and the service performance of paints are directly related to the degree of surface preparation.

The surface to be overcoated must be dry and free from surface contaminants.

Steel:

Treat new steel sheet with appropriate metal conditioner.

Apply APM Synthetic Enamel Primer immediately after preparation of the clean surface.

Aluminium:

Remove all oil, wax and grease by solvent cleaning. Thoroughly abrade the surface using P240 grit on an orbital sander and ensure that all residue is cleaned off. Prime the surface by applying APM Two pack Etching Primer within 6 hours after the preparation process; failure to do this will allow the aluminium to re-oxidize.

Previously painted surfaces:

Remove all loose and flaking paint, rust etc. with power/hand tool combination. Spot prime all bare steel areas. Conduct a trial test on a small patch before proceeding with coating of the entire surface. If "lifting" or other symptoms of paint incompatibilities appear, do not proceed and strip back to bare metal.

Coating Specifications

| 1 st and 2 nd Coat | 3 rd and 4 th Coat | 5 th and 6 th Coat | |
|--|--|--|--|
| Suitable Lacquer Primer | APIGLOSS 1K Auto Lacquer | APIGLOSS AG 9999 2K Clear | |

Notes

The coating specifications provided above are typical. For specific recommendations to suit individual applications, please refer to your Asia Paint Representative.

Stir the product well before use.

Safety Precaution

Avoid contact with eyes and skin. Wear suitable protective clothing such as overalls, goggles, dust mask and gloves.

Do not use in poorly ventilated areas, do not breathe in vapor or spray mist.

This product is flammable. Keep away from sources of ignition. Do not smoke. Take precautionary measures against static discharge.

In case of fire, use carbon dioxide, normal foam or dry agent.

First Aid

| | |
|--|--|
| Eyes | Wash off in flowing water or shower |
| Skin | Flush with plenty of water |
| Inhalation | Remove to fresh air, loosen collar and keep patient rested |
| Ingestion | If swallowed, seek medical attention. Do not induce vomiting unless directed to do so by medical personnel |
| For further safety information, please refer to our Safety Data Sheet (SDS) | |

Disclaimer

The information provided on this data sheet is not intended to be complete and is provided as general advice only. It is the responsibility of the user to ensure that the product is suitable for the purpose for which he wishes to use it. As we have no control over the treatment of the product, the standard of surface preparation of the substrate, or other factors affecting the use of this product, we are not responsible for its performance, nor would we accept any liability whatsoever or howsoever arising from the use of this product unless specifically agreed to in writing by us. The information contained in this data sheet may be modified by us from time to time, and without notice, in light of our experience and product development.