

TECHNICAL DATA SHEET

Clear Polyethylene Primer

June 2004

Product Description

PCJ001 – Clear Polyethylene Primer is a single component, clear, solvent based, ready for spray primer for application on polyethylene plastic components.

The adhesion promoter dries to a slightly yellow film and acts as a bridge to subsequent secondary priming with the *GSS001 - Polyethylene White primer*.

In order to achieve adhesion of subsequent top- coats it is essential that the Polyethylene is primed using the *PCJ001- Clear Polyethylene Primer* prior to applying the *GSS001 -Polyethylene White Primer*.

Polyethylene material is normally impossible to adhere to without specific surface treatment. The combination of the *PCJ001 - Clear Polyethylene Primer* in direct combination with the *GSS001 - Polyethylene White Primer* has proven to give excellent adhesion to untreated Polyethylene surfaces

DO NOT APPLY ANY HEAT UNTIL CLEAR POLYETHYLENE PRIMER PROCESS HAS BEEN COMPLETED

Typical Application

This is a two - stage application.

Step 1

- The *PCJ001 – Clear Polyethylene Primer* is ready for use. NOTE the user should always ensure the container is always shaken well and strained before use.
- Wipe the substrate down with methylated spirits only.
- The application of the *PCJ001 – Clear Polyethylene Primer* is via two, medium to wet coat on the cleaned surface.
- Flash off time between coats is 5 minutes.
- After applying the *PCJ001*, it is recommended applying heat by way of spray booth for 30 – 40 minutes @ 40 degrees, heat lamps or heat gun. Applying heat will enhance adhesion.
- Allow substrate to cool before applying Part B – *GSS001 Polyethylene White Primer*.

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Step 2

- The *GSS001 – Polyethylene White Primer* is ready for use, but the user should insure the **container is always shaken well and strained before use.**
- Use 2ml Gravity fed gun
- Apply the *GSS001 - Polyethylene White Primer* in two medium wet coats over the *PCJ001 – Clear Polyethylene* primed surface.
- The *GSS001 Polyethylene White Primer* can be tinted up 5 - 10% with base coat tint.
- The Flash off Time is approx. 5 –10 minutes.
- Whilst the *GSS001 - Polyethylene White Primer* does not require sanding this is an option.

Then proceed to apply final finishing coats (compatible with all 2K's, polyurethanes, acrylics and enamels) then bake.

Surface Preparation

The substrate requires to be wiped down thoroughly with methylated spirits only to remove surface oil, grease, dust, any silicone compounds or any foreign matter.

TYPICAL PHYSICAL PROPERTIES

Appearance	Clear Slightly Yellow Liquid
Solids	2.9 %
Specific Gravity @ 20° C	0.90
Flash Point	8°C

Application

NO ACTIVATORS are required for this product.

- The adhesion promoter is designed to be applied by conventional spray application.
- Under no circumstances should the material be diluted, as this will reduce the effectiveness of the material.
- Two medium to wet coats is all that is necessary and the application of very wet coats is not necessary to achieve optimum results.
- Use in well ventilated areas. Avoid the use of naked flames or other sources of ignition.

For safe handling information of this product, consult the Material Safety Data Sheet (MSDS)

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Handling and Storage

Product shall be ideally stored in a cool, dry location in unopened containers at a temperature between 8°C and 28°C unless otherwise labelled. To prevent contamination of unused product, do not return any material to its original container. For further specific shelf life information, contact our Technical Service Personnel, Australia Quality Lacquers on 61 2 9826 0584

Product Support/ Technical Service

Wayne Cozis, Australian Quality Lacquers
61 423 004 545 (mobile) 61 2 9826 0584 (office)

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