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AUSTRALIA
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Erabond PU

PU TO PU PRIMER

TECHNICAL DATASHEET

Erabond PU is a solvent based single component polyurethane primer formulated for use in bonding liquid polyurethane moulding and potting compounds to substrates such as:

- Cured or liquid polyurethane's
- Neoprene rubber
- Concrete
- And cadmium plated metals to name a few

Product Specification

Appearance	Clear Light Amber
Brookfield Viscosity at 25°C (cps)	100 - 150
Specific Gravity	1.04 - 1.06
Solid Content (%)	58 - 62
Dry time at 25°C, 55% Humidity (hours)	2.0
Topcoat application window	Within 48 hours of primer application

Benefits

- Fast drying
- Strong key to the substrate
- Low viscosity
- Deep penetration into the substrate providing exceptional adhesion
- Single component – (no mixing required)



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Application Procedure

High strength bonds can only be obtained if a surface to be bonded is free of contaminants.

1. Thoroughly clean surface to be primed with any ketone solvent (MEK).
2. If surface is polyurethane or neoprene, lightly abrade and solvent wash.
3. Apply a smooth uniform thin coat of **Erabond PU** and air dry for 2 hours or until tack free. Apply as one coat from the container with brush, roll or airless spray equipment. The product is already very low in viscosity and should not require any further dilution. The level of primer should be an even surface for the optimal adhesion to the substrate and this included not allowing the primer to pool on application.
4. Cast or spray the desired polyurethane compound and cure at room temperature or recommend elevated temperature cure.

Handling Precautions

The components are sensitive to humidity and should at all times be stored in sealed drums and resealed with nitrogen after opening.

The recommended storage temperatures are 15-25°C and keep away from all sources of heat and ignition sources as the primer is flammable.

If the drum is left open to the atmosphere the material may go cloudy, discolour and skin – resultant in moisture or contamination.

When opening these drums extreme care must be exercised in releasing the internal pressure.

Before handling these chemicals please consult the Material Safety Data Sheet.

Contact with the skin or eyes must be avoided and avoid breathing in vapour or spray.

Adequate ventilation is required (see the MSDS) with approved engineering controls and personal protective equipment.

Safety goggles, protective gloves and approved respirators should be worn whenever handling chemicals.

In case of skin contact, immediately remove excess, wash with soap and water. For eye contact, immediately flush with water for at least 15 minutes.

If nose, throat or lungs become irritated from inhaling vapours, remove exposed person to fresh air. Call a physician.

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