# P-100 Adhesion Promoter

### **Overview**

P-100 is an organic polymer-based adhesion promoter primarily suitable for solvent-based and water-soluble baking systems, enhancing adhesion to non-ferrous metal surfaces.

JEW-TECHEM

Good Materials + Good Application = Good Products

# Physicochemical Properties

| Appearance           | Transparent pale<br>yellow liquid | Composition | Organic<br>polyester | polymer |
|----------------------|-----------------------------------|-------------|----------------------|---------|
| Active<br>Ingredient | 80.0 ±2.0 %                       | Solvent     | Ethylene diacetate   | glycol  |
| Density              | 0.94 g/ml                         |             |                      |         |

## Characteristics and Advantages

Low acid value, low molecular weight polyester, and polycarbonate copolymers utilize acid value and terminal OH groups to rapidly form chemical bonds with metal substrates while crosslinking with resins to enhance adhesion and improve flexibility. The low acid value has minimal impact on the storage stability of baking coatings.

- Does not cause loss of gloss in pigmented coatings or discoloration/blackening of aluminum paste.
- Excellent storage stability for acid-cured baking coatings in summer.
- Universal baking adhesion promoter for water and solvent-based coatings, suitable for difficult-to-adhere metal surfaces such as aluminum alloys, electroplated surfaces, and zinc plates.
- Improves flow and leveling properties.
- Does not discolor under rapid high-temperature baking and does not affect the weather resistance of the coating film.
- **Dosage** 1-3% of the total volume; for use in water-based systems, it needs to be neutralized with amines first.

Application Solvent-based industrial baking coatings

- Precautions &Store at 0-40 °C in a cool, well-ventilated area. Keep the container tightly<br/>sealed and away from heat and sources of ignition.
- Safety Refer to MSDS

Packaging 25 KG/Barrel

#### **NEW-TECHEM**

#### For further detailed information, please contact our company directly.

www.new-techem.com

The information provided is compiled based on our current knowledge and is intended for reference only. No guarantees are made. We reserve the right to modify product parameters within the scope of process advancements or product development. Due to the wide range of processing conditions and raw material combinations beyond

our control, users are advised to conduct suitability tests before production.