



Product Overview

Category: This product is a single (two) component drying to transparent lacquer using high quality resin as the film-forming substance;

Composition: Preferred resins, additives, water, etc;

Features: single- and two-component optional, with excellent adhesion;

This product uses water as the dispersion medium, non-flammable and non-explosive at room temperature;

Excellent adhesion, weathering resistance and protective and decorative properties;

The construction process and coating film formation process is simple, in line with the standard requirements, in line with the EU ROHS directive.

Scope of application

Applicable to all kinds of ABS, ABS recycled materials, PP, PVC, cell phone cases, high heel shoes and other plastic surfaces.

Product index (typical data)

Item	Indicator
Color and appearance	White transparent viscous liquid
Fineness	≤100mm
PH value	8.0~9.0
Viscosity (coated-4 cups)	≥100-1205
Solid content	45%±2
Glossiness (60° photometer)	0~90
Adhesion (Bacchus method)	Grade 0
Impact strength	≥50cm.kg
Pencil hardness	≥HB-1H
Flexibility	≤1mm
Alcohol wiping resistance (300 times and forth)	No paint loss and no bottom showing wiped

Construction reference

Description of the substrate: ABS, ABS recycled material, cell phone cases, high heels and other plastic surfaces;

Surface treatment: remove the surface stains of the parts to be coated first;



Construction method: robotic, manual spraying;
Diluent: pure water or clean tap water;
Dilution ratio: 5%~10% of the weight of the original paint with water, or appropriate adjustment according to the specific situation;
Spraying viscosity: 40~55 seconds (coated-4 cups, $23 \pm 2^{\circ}\text{C}$);
Construction viscosity: spraying viscosity: 40~55 seconds (coated-4 cups, $23 \pm 2^{\circ}\text{C}$).

Construction process

Substrate treatment, then spraying, natural leveling for 10 minutes, then baking at $75-80^{\circ}\text{C}$ for 30 minutes.

Caution

The degree of superiority or inferiority of metal substrate treatment will directly affect the back effect and protective performance of the coating film;
The product should be stored in a cool and ventilated place, temperature $0^{\circ}\text{C}-45^{\circ}\text{C}$, valid for one year, if it exceeds the storage period, it can still be used after inspection.

Package and transportation

Package: 20/50kg/drum;
Transportation: transported as non-dangerous goods.

Declaration

The information provided in this product specification is based solely on our knowledge gained in the laboratory and in practice. However, since the use of the product is usually beyond our control, we only give a guarantee of the quality of the product itself. We reserve the right to modify this manual without prior notice. For more information, please consult our website: www.towercoating.com

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