



# STEP-OPENING ENTERPRISE CO.,LTD

## DONGGUAN YUZHAN CHEMICAL CO.,LTD

TAIWAN HEADQUARTERS:

NO.349-1 GANGSHAN RD., GANGSHAN DIST., KAOHSIUNG CITY., TAIWAN

TEL:886-7-6220803 FAX:886-7-6220805

DONGGUAN YUZHAN:

JINFENGHUANG INDUSTRIAL ZONE, FENGANG TOWN, DONGGUAN CITY,  
GUANGDONG PROVINCE, CHINA

TEL:86-769-87550418(代表号) FAX:86-769-87550438

### **UB-185 “Heat Resistance” Base Coat**

#### **【Instruction】**

UB-185 “Heat Resistance” Base Coat is made to Vacuum Metallization manufacturers. Applicable to Heat Resistance materials like Fiber-Reinforced-Nylon, BMC, PBT, Metals. Excellent performance on heat resistance, deterioration resistance, temperature circulation resistance. The heat resistance is up to 180°C. It can be used on parts of products such as High-End car lampshade and decoration of lamp.

#### **【Application】**

UB-185 “Heat Resistance” Base Coat can spray directly. Or dilute with MEK based on needs and quality of materials. The spraying pressure should be 3.0-3.5kg/cm<sup>2</sup> and the distance should be 15-20 cm. If possible, like the working place is less dust, we suggest leave the coating materials under room temperature over 10 minutes after spraying. When leveling evenly, put the materials into oven and it would have better appearance after baking.

Based on thickness and materials, the baking condition should be 160-200°C and 40-60 minutes. To ensure completely dry up the coating, please be careful about the thickness and keep oven temperature evenly. Keep good air circulation of oven and exhale the dirty air made by solvents when baking.

#### **【Top Coat】**

Please use UT-320. It can prevent oxidation on aluminum layer to extend its usage.

#### **【Notices】**

- 1. USE Ketones or Benzenes to clean sprayers and tubes ONLY.**
- Plastic materials usually contaminate with internal lubricant, mold release agent, and dust during injection process. To ensure good adhesion and smooth surface during Vacuum Metallization, please clean the material with solvent before coating process.
- Due to the special ingredient, please use water cleaning type spraying equipment. Excessive paint and dust accumulation may cause spontaneous combustion. Please clean up frequently. These accumulations have to store with water to prevent spontaneous combustion.
- Please keep good air circulation in working place to avoid harming health due to long-term breathing in solvent. If chemicals splash into eye or on skin accidentally, immediately flush contacting area by huge amount of water then send to medical

treatment.

5. UB-185 “Heat Resistance” Base Coat must be stored in cool and dry indoor room under 40°C. The expired time is one year in unopened situation.
6. Please keep cap closing after opening and finish within one week to avoid affecting quality because of solvent evaporation.