



Achieve the innovative value of paint

## JIAZHI® Easy-cleaning functional resin

### Model number

JIAZHI®JZ-9545

### Specification

Composition	Silicon modified hydroxyl acrylic resin solution
Appearance	Slight yellowish to yellowish liquid
Solvent	BAC/ PMA/ Xylene
Content	50±3%(140°C 2h)
Density	1.02-1.06g/ml(25±1)°C
Viscosity	6000-16000mPa·s (Rotating viscometer)(25±0.2)°C
Hydroxyl value	76±5 mg KOH/g (Theoretical value of solid resin)

Note: This datasheet is intended to give typical results, not standard. Subject to COA.

### Application system

Solvent-based

### Properties

- Increase slip. Improve hydrophobicity and oleophobicity.
- Provide anti-marker wiping performance.
- Provide lotus.
- Compared with anti-graffiti additive, better anti-graffiti effect and solvent-resistant wiping performance.
- Water contact angle >100°
- Excellent anti-graffiti performance in light color paint.
- Good anti-graffiti performance under lower-temperature curing condition.

### Storage stability

Store in a cool, dry place in the unopened original packaging for 36 months. Products that exceed the storage period can continue to be used after passing the inspection. It must be closed immediately after use.

### Recommended formula

#### 1. Suggestion for PU varnish formulation

	Material	Dosage%
Part A	JZ-9545	76.0
	PMA	22.65-22.74
	Dryer(1%)	1.0
	WE-D8920BR(leveling agent)	0.25
	WE-D980(defoamer)	0.01-0.1
	Total	100
Part B	N3390	23

Note:

1. Usage recommendation for defoamer  
Add WE-D980 with 0.01% to PU varnish and no affecting of compatibility.  
Can increase the addition to 0.1% of WE-D980 to color paint.
2. NCO% of N3390=19.6, produced by Covestro, Germany.
3. The mixed part A and B should be used up within 5-7 hours in a sealed container. Otherwise, the mixed material will be gelled.
4. Suggest dry it at 80°C for 1h or 150°C for 5min.

#### 2. Suggestion for baking formulation

Product name	Dosage%
JZ-9545	50
Butylenized amino resin	10
Solvent	38.5
Adhesion promoter	1
Acid catalyst	0.5
Ttotal	100

Note: Amino resin in this formulation is Sanmu582, and its addition should be adjusted to specific requirements.

Suggest dry it at 150°C for 30min or 210°C for 90s.

### Package

25KG / 180KG

This information is given to the best of our knowledge. Because of the multitude of formulations, production, and application conditions, all the above mentioned statements have to be adjusted to the circumstances of the processor.