

HE8151H is special polyester polyol resins.

### Characteristics

It is used to prepare solvent-based two-component coatings mixed with sealing isocyanates and amino resins. It can be used to prepare tempered glass ink, baking paint, mobile phone touch screen screen printing ink, low-temperature electronic silver paste.

### Delivery form

60% in DBE/IP;

### Product specifications

Solid Content: 58.0–62.0%

Viscosity (25°C, NDJ rotational viscometer): 6.0- 9.0 Pa.s

Color number ≅ 2# (Fe-Co)

Acid value 9.0-12.0 mgKOH/g

Appearance clear and transparent

The following items are not required:

flash point 84°C

density (20°C) 0.97-1.03 g/ml

### Principal properties

High hardness and good adhesion;

Good boil resistance and butanone resistance;

Good recoatability;

Good silk screen printing.

### Applications

It is mainly used in combination with Desmodur 3175, CYMEL 325 and 303 amino resins to prepare mobile phone touch screen silk screen baking paint and PET ink.

### Compatibility with resins and solvents

HE3659	+	HE1767	+	xylene	+
HE1762	+	HE3654	+	S-100	+
HE3611	+	1/2NC	—	butyl acetate	+
HE3646	+			cyclohexanone	+

Note: + means soluble/miscible; ○ means partially soluble/partially miscible;

— means insoluble/incompatible.

### Reference recipe

white paint		white paint	
HE8151H	35	HE8151H	35
titanium dioxide	45	titanium dioxide	45
BYK306	0.2	BYK-306	0.2
BYK052	0.1	BYK-052	0.1
DBE/IP	5.7	DBE/IP	2.7
Z-6040	2	Z-6040	2
sealing isocyanates	12	MF-915(methyl ether amino)	15

### Storage guidelines

The resin should be stored indoors in original, unopened, undamaged container in a dry place at storage temperature no more than 30°C. Exposure to direct sunlight should be avoided.

### Shelf life

Under above mentioned storage condition, the shelf life of the resin will be 730 days after production.

For more than 730 days, the goods are still owned by ZOHO Company, the company's QC can make the corresponding extension of the shelf life after testing qualified.

### Material safety

This product data sheet only applies to the latest version of Material Safety Data Sheet. Any updates to safety-related information that are consistent with legal requirements will only be reflected in the safety data sheet, at the same time the Sheet will be updated and published. Information on current classification and labelling, application and process methods, and more safety-related data can be found in the latest Material Safety Data Sheet.