

HE3668 is a thermoset, solvent-based acrylic resin.

## Characteristics

It is used to prepare metal baking paint, hard-to-adhere metal baking paint, plating varnish with amino resin.

# **Delivery** form

60% in xylene/isobutanol;

#### **Product specifications**

Solid Content:

Viscosity (25°C, NDJ rotational viscometer): 2.0-5.0 Pa.s

58.0-62.0%

clear and transparent

Color number  $\leq 1\#$  (Fe-Co)

Acid value 8.0-12.0 mgKOH/g

Appearance

The following items are not required:

flash point 25°C

density (20°C) 0.99-1.03 g/ml

#### **Principal properties**

Low temperature baking and curing (90°C); Good adhesion and flexibility; Excellent chemical resistance; Good recoatability.

### Applications

It is used to prepare metal baking paint, hard-to-adhere metal baking paint, plating varnish.

### Compatibility with resins and solvents

HE3659	-	HE3654	-	xylene	+	2- Butoxyethanol	+
HE1762	+	HE1767	+	trimethy lbenzene	+	CAC	+
HE3611	-	HE5968	+	butyl acetate	+	isobutanol	+
HE3646 E	-	HE3538	-	cyclohe xanone	+	Methyl ethyl ketone	+

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

means insoluble/incompatible.

1.1 / 19.10.2023 (Replace all previous versions)

## Reference recipe

plating vari	nish	diluent		
HE3668	50	xylene	30	
HE1767	23	toluene	40	
BYK306	0.2	butyl acetate	10	
BYK052	0.1	CAC	10	
E-44	5	isobutanol	10	
toluene/isobutanol	21.2			
Lubrzol 2063	2			

### 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 365 days after production.

For more than 365 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.

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