

HE1764 is a n-butanol etherified urea-formaldehyde amino resin

### Characteristics

It is used to mix with thermosetting acrylic resin, saturated polyester resin and alkyd resin to prepare solvent-based baking paint. It has excellent mechanical properties and chemical resistance, high cost performance, especially suitable for general industrial baking paint.

### delivery form

65% in n-butanol

### Product specifications

Solid Content:	63.0–67.0%
Viscosity (25°C, Tu-4 cup):	100-150s
Color number	≤ 1# (Fe-Co)
Acid value	≤ 1 mgKOH/g
Appearance	clear and transparent
Tolerance (200# solvent)	5-10
<u>The following items are not required:</u>	
flash point	29°C

### Principal properties

High gloss, high hardness;  
Fast drying, good adhesion.

### Applications

It is used to mix with thermosetting acrylic resin, saturated polyester resin and alkyd resin to prepare solvent-based baking paint. The cured paint film has high gloss and high hardness.

### Compatibility with resins and solvents

HE3659	+	HE3611	+	xylene	+	2-Butoxyethanol	+
HE1762	+	HE3654	+	trimethylb enzene	+	2-Ethoxyethyl acetate	+
HE3746	+	HE3640	+	Butyl acetate	+	isobutanol	+
HE3646	+	1/2NC	—	Cyclohex anone	+	n-butanol	+

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

— means insoluble/incompatible.

### 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 12 months after production.

For more than 12 months, the goods are still owned by ZOHO Company, ZOHO'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.