

HE8783 is a solvent-based, soybean oleic acid-based long oily alkyd resin.

Characteristics

It is used to prepare self-drying anticorrosive paint and alkyd magnetic paint for containers, ships and construction machinery.

delivery form

70% in xylene/butyl acetate;

Product specifications

Solid Content:	68.0–72.0%
Viscosity (25°C, NDJ rotational viscometer):	40.0-60.0 Pa.s
Color number	≅ 3# (Fe-Co)
Acid value	6.0-12.0 mgKOH/g
Appearance	clear and transparent

The following items are not required:

flash point	22°C
density (20°C)	0.99-1.03 g/ml

Principal properties

- High gloss;
- Long oiliness, quick drying;
- strong adhesion;
- Excellent adhesion to metals.

Applications

It is used to prepare self-drying anticorrosive paint and alkyd magnetic paint for containers, ships and construction machinery.

Compatibility with resins and solvents

HE582-2	-	HE582-3	-	xylene	+	2- Butoxyethanol	+
HE8780	-	CAB-381 -20	-	trimethy lbenzen e	+	CAC	+
1/2NC	+			butyl acetate	+	n-butanol	+
				Cyclohe xanone	+		

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

— means insoluble/incompatible.

Reference recipe

big red paste		big red paint	
HE8783	55	HE8783	50
pigment Scarlet Powder	24	HE8783 big red paste	30
BYK110	3	complex drier	2.5
xylene	18	1% silicone fluid	0.4
		anti-crusting agent	0.2
		xylene	10
		toluene	6.9

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, 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.