

HE2536E is a thermoplastic, solvent-based acrylic resin.

Characteristics

It is used for one-component self-drying coatings at room temperature. It is suitable for hand spray paint, anticorrosive paint for construction machinery.

Delivery form

50% in butyl acetate/sec-butyl acetate;

Product specifications

Solid Content: 48.0–52.0%

Viscosity (25°C, Tu-4 cup): 200.0- 300.0 s

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

Acid value 3.0-6.0 mgKOH/g

Appearance clear and transparent

The following items are not required:

Tg 36°C (calculated value)

flash point 22°C

density (20°C) 0.97-1.03 g/ml

Principal properties

High gloss and good weather resistance;

Good workability and weather resistance;

Good wetting and dispersibility of pigments;

No benzene solvents.

Applications

It is suitable for hand spray paint, anticorrosive paint for construction machinery.

Compatibility with resins and solvents

HE2574	-	HE2580	-	xylene	+	2-butoxyethanol	+
HE2562	-	HE2560	-	toluene	+	120#	○
HE2524	+	HE2592	-	butyl acetate	+	isobutanol	+
CAB-381-20	-	NC	+	cyclohexanone	+	methyl ethyl ketone	+

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

— means insoluble/incompatible.

Reference recipe

hand spray paint		diluent	
HE2536E	65	isopropanol	10
carbon Black Powder	4	butyl acetate	30
Dispersant	3	PMA	10
butyl acetate	22.8	BCS	10
BYK333	0.2	ethyl acetate	40
E-44	2		
Lubrizol 2063	1		

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.