

COATING, INK AND PAINT DISPERSING AGENT

PRODUCT DESCRIPTION

Hyperbranched acrylic polymer with strong dispersing property and high color development. It can be used in manufacturing resin free color paste (good diluting stability of resin free paste), high temperature resistance, for both solvent based and solvent free system.

PARAMETER VALUE

Appearance: Light yellow clear viscous liquid
Acid value mg KOH/g: 42
Non-volatile content%: ≥ 92.00
Flashing point °C : >100

WORKABLE SYSTEM

Aqueous	Solvent-based
<input type="radio"/>	<input checked="" type="radio"/>
Two component 100 %	Radiation curing
<input checked="" type="radio"/>	<input checked="" type="radio"/>
Directly grind	Color paste with resin
<input checked="" type="radio"/>	<input checked="" type="radio"/>
Resin-free color paste	Common color paste
<input checked="" type="radio"/>	<input type="radio"/>

Notes: ● Key ◎ Common ○ Deprecated

DILUENT

Suitable: Aromatic hydrocarbon, butyl acetate, ethers, petroleum solvent
Unsuitable: water, ethanol

PRODUCT FEATURES

- ✓ Greatly reduces abrasive's viscosity and maintain paste stability.
- ✓ Suitable for resin-free pigment grinding system.
- ✓ Suitable for solvent-based and solvent-free high concentrated paste system
- ✓ Extensive resin compatibility
- ✓ Especially suitable for dispersing super micro carbon black and organic pigment.

Applicable pigment (dosage means proportion to pigment powder)

Pigment	Applicable	Dosage %	Notes
Carbon Black	●	5.0-20.0	Reduce viscosity, stable.
TiO ₂	●	0.5-3.0	Stable, anti-settling
Organic Pigment	●	5.0-20.0	Reduce viscosity, color development.
Inorganic Pigment	●	0.5-2.0	Stable, anti-settling
Metallic powder	●	1.0-5.0	Stable, anti-settling

Notes: ● Key ◎ Common ○ Deprecated

USE RESTRICTIONS

This product is untested or stated to be adaptable to medical or pharmaceutical.

STORAGE AND VALIDITY

Unopened stored at room temperature; the shelf-life of the product from the date of production for 24 months.

PACKAGING

Zepoxy DS 767 is available as follows:

1 KG, 5 KG.

HEALTH AND SAFETY

Please dispose off containers of the materials as per local laws, rules and regulations. Usage of gloves, safety masks and other safety apparel as per health and safety laws should be done. For further assistance, please refer to the MSDS of the product for further health and safety information.