



PRODUCTS

Dispersants are additive that are commonly used in pigments to improve their performance and stability.

Pigments can easily clump together and settle, leading to uneven colour distribution and reduced colour intensity. Dispersants help to prevent this by breaking up pigment agglomerates and keeping them suspended in the liquid medium. This leads to better dispersion and improved colour strength, as well as other benefits such as improved flow and reduced sedimentation. Dispersants work by adsorbing onto the surface of pigment particles, creating a repulsive force that keeps them separated. Different types of dispersants can be used depending on the specific application and the type of pigment being dispersed.

Overall, dispersants are an important additive in the production of high-quality pigments that meet the demanding requirements of various industries.

APPLICATIONS

- Industrial Paint GSH-3310; GSH-3256
- Wood Paint GSH-3310; GSH-5200
- Plastic Coating GSH-3310; GSH-5200
- Refinish Paint 2K GSH-3310; GSH-3256
- Refinish Paint 1K GSH-3310; GSH-1610
- Dispersions GSH-3256; GSH-5200;
GSH-1151

CHARACTERS

- Decrease Milling Time
- Better Stability
- Increase Pigment Dosage
- Universal Resin Compatibility
- Increase Colour Strength & Glossy

SOLVENT SYSTEM DISPERSION ▶▶▶

Code	Type	Application Characters	Cross Reference
GSH-2400	Polymeric Compound	As dispersion agent for organic or inorganic pigments and silica in gravure ink, UV ink, industrial paint, wood paint, plastic coating applications;	24000
GSH-3310	Acrylate Block Copolymer	For high BET carbon black (FW 200) and organic pigments dispersion in acrylate paint, UV paste, and unsaturated polyester resin paint;	4310
GSH-3256	Polymeric Compound	For high BET carbon black and organic pigments dispersion in high-temperature baking finishing, coil coating and car refinishing paint;	32500
GSH-1610	Polyurethane	For dispersion of carbon black and organic pigments, especially for red pigments.	161
GSH-1151	Phosphate Esters	As dispersion agent for TiO ₂ or other inorganic pigments or fillers;	110
GSH-5200	Polyurethane	For carbon black and organic pigments in epoxy resin, polyether and polyester polyols, good for lower viscosity, good color rendering;	9076

AQUEOUS SYSTEM DISPERSION ▶▶▶

Code	Type	Application Characters	Cross Reference
GSH-2700W	Polyethers	For dispersion of organic pigments in aqueous ink and paste;	27000
GSH-7602W	Acrylic	Particular for carbon black and inorganic pigment paste dispersion;	760W
GSH-1903W	Acrylic	For high BET carbon black and organic pigments, particular for aqueous industrial and car finishing paint, also cigarette packing printing ink;	190
GSH-3042W	Phosphate Esters	For aqueous system inorganic pigments and filler, good anti-sinking performance;	PL22

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