



Terasperse® 2230

ALKYL PHENOL ETHOXYLATE-FREE PIGMENT DISPERSANT FOR WATER-BASED SYSTEMS

TYPICAL CHARACTERISTICS

Appearance	Pale Yellow Liquid
Active Material %	33.5 ± 1.5
Viscosity, 25°C (Gardner)	J - N
Weight Per Gallon	8.7 ± .1
Specific Gravity	1.04 ± 1
pH 10% Solution	8.5 ± 0.5

COMPATIBILITY

Terasperse® 2230 is a low VOC, high-performance dispersant that is free of alkyl phenol ethoxylates. Terasperse® 2230 is very effective with both organic and inorganic pigments for a wide variety of water-based systems, including urethanes, alkyds, acrylics, polyesters and epoxies. Dispersions based on Terasperse® 2230 offer the benefits of stability with high pigment/binder ratios, compatibility with a wide variety of resins including 2-component systems.

APPLICATIONS

Designed for new-generation vehicle systems, the product does not promote foam and has negligible effect on such important properties as gloss, hardness and dry time. Terasperse® 2230 through its well-balanced surface-active functionality provides an excellent combination of hydrophilic and hydrophobic attributes, allowing the formulator to optimize the dispersion of almost all pigments and extenders, including such difficult-to-disperse pigments as phthalo blue, phthalo green and carbon black. Terasperse® 2230 can be added to a finished coating or ink to boost color acceptance.

FEATURES

Low-foaming, low-VOC, alkyl phenol ethoxylate-free dispersant.
 Excellent color and gloss stability on aging of dispersions.
 Compatible with a wide variety of water-reducible and water-based resins.
 Good rheology profile at high pigment loadings and high pigment-to-binder ratios.
 Improved color acceptance.

PROUDUCT USES (For professional use only. Not intended for retail sales.)

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Terasperse® 2230 should be added to the mill base in the range of 1% to 15% by total weight, depending on the pigments used and other surfactants and vehicles utilized. When used as the sole dispersing agent in mill bases, Terasperse ® 2230 is often used in the range of 5% to 9% based on total weight. As the sole dispersing agent in tinting pastes, Terasperse® 2230 is used at levels between 11% to 15%. When used as the grinding aid in water-based mill bases, about 2% of total weight is recommended as the starting point.

CONTAINER SIZES

55 gallon drums: 460 pounds.

5 gallon pails: 40 pounds.

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