**Terasperse® 2644**

**PRIMARY DISPERSANT FOR TITANIUM DIOXIDE AND EXTENDER PIGMENTS**

**TYPICAL CHARACTERISTICS**

- **Appearance**: Clear pale liquid
- **Type**: Anionic
- **Activity**: 35%
- **Weight per Gallon, Lbs**: 10.3 ±0.1
- **pH**: 7.8
- **Solubility in Water**: Readily
- **Solubility in Glycols**: Readily

**COMPATIBILITY**

Terasperse® 2644 was developed as a highly versatile and efficient low-foaming acrylic dispersant for both flat and gloss latex paints. Used in small concentrations, Terasperse® 2644 provides a stable, uniform grind at a minimum mill base viscosity without the use of additional wetting agents or dispersants.

Terasperse® 2644 is compatible with ethylene glycol and propylene glycol and can be used in water-free, glycol-based grinds. The product demonstrates excellent gloss retention, both before and after heat aging, with both acrylics and vinyl-acrylics.

Terasperse® 2644 is compatible with reactive pigments such as zinc oxide and can be used as the sole dispersant. Such systems demonstrate excellent stability in terms of viscosity and grind.

Because Terasperse® 2644 is normally used at relatively low levels, foaming is minimized, secondary dispersants are not required and water resistance of the dry film is not affected.

**APPLICATIONS**

Terasperse® 2644 provides excellent gloss characteristics in both acrylic and vinyl-acrylic gloss and semi-gloss formulations. Terasperse® 2644 can be post added to boost color acceptance and development in difficult systems and those based on pigment slurries.
KEY FEATURES

Extremely efficient at low levels of use as the sole dispersant. Versatile and compatible with reactive pigments. Demonstrates viscosity stability when aged. Reduces foaming and problems relating to water resistance.

RECOMMENDED USE LEVELS

Terasperse® 2644 is recommended for use in flats and low RMC formulations at a level beginning at 0.2% of dispersant solids on pigment solids and in high gloss and difficult systems at a level ranging up to 1% dispersant solids/pigment solids.

CONTAINER SIZES

5 Gallon Pail and 55 Gallon Drum.

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