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Industry: Paint and Coatings

NUOSPERSE® W-22 Dispersing Agent

Pigment dispersant for water-reducible and emulsion coatings

Advantages:

- Rapid pigment wetting
- Good flow at high pigment loading
- Increased mill output
- Maximum tinting strength development
- Full Chroma development
- Elimination of floating, flooding and rub-up.
- Compatibility in a broad range of coatings
- Long-term viscosity stability
- Optimum initial gloss and gloss retention
- Non-foaming
- Will not effect gloss, dry time or film hardness
- Can be used as an independent dispersing vehicle or as an additive to improve dispersing characteristics of the coating vehicle
- Fully compatible with most water-reducible alkyds, acrylics, and polyesters as well as trade sales industrial and maintenance finishes.

Applications:

Appliance and Metal Furniture

- Primer
- Liquid
- Topcoat
- Liquid

Coil Coatings

- Primer
- Topcoat

Architectural Coatings

- Architectural exterior coatings
 - Primer
 - Topcoat
- Architectural interior coatings
 - Primer/sealer
 - Topcoat

Marine Coatings

- Primers
- Topcoat

Metal Drums

- Non-FDA approved

Parquet Lacquer/Flooring

- Stains

Car refinish, Fleet and Commercial Vehicles,

Heavy Duty Equipment

- Basecoat
- Straight shade
- One pack enamels

Plastic

- Basecoat
- Primer

Furniture and Flatboard

- Wood

Protective Coatings

- Primer
- Topcoat

-Liquid

Automotive OEM
-Soft-feel interior

Typical Properties:

Active Matter Weight %:	30
Max. Color Gardner:	7
Specific Gravity@ 23° C; 73° F:	1.05
Weight Lbs per US Gallon:	8.8
Viscosity (mPa.s):	560-960
pH:	9.0

Incorporation:

- Use in systems with pH of 6 to 12 to avoid possible shock
- Use 2% by weight added to mill base to significantly improve the dispersion characteristics of the coating vehicle
- Use 5% to 10% by weight in mill base for highest pigment concentration in mill bases intended to be converted directly into finished coatings
- Use 10% to 15% by weight of total formula in the manufacture of concentrated tinting colorants
- Use as the sole dispersing resin to prepare highly concentrated dispersions of both organic and inorganic pigments

Storage & transport:

- Store in a cool, dry place
- Stir before use

Safety: Before using this product, please consult our Safety Data Sheet.

Technical Contact:

European Hotline

American Hotline

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NOTE: The information herein is currently believed to be accurate. We do not guarantee its accuracy. Purchasers shall not rely on statements herein when purchasing any products. Purchasers should make their own investigations to determine if such products are suitable for a particular use. The products discussed are sold without warranty, express or implied, including a warranty of merchantability and fitness for use. Purchases will be subject to a separate agreement which will not incorporate this document.