

DESCRIPTION

OXITIVE® 7210 is an APEO-free non-ionic wetting agent for pigment dispersion and tinting system with low foaming properties.

PHYSICAL PROPERTIES¹

Appearance (25°C)	Clear to turbid Liquid
Active Content, wt%	~ 100
Density (g/mL at 25°)	0.97
pH (1% p/p, aqueous at 25°C)	6 – 8
Flash point – open cup (°C)	221
Water (% in weight)	0.5 max.
HLB (Hydrophilic-lipophilic balance)	7

CHARACTERISTICS AND BENEFITS

OXITIVE® 7210 offers a significant surface tension reduction in aqueous solutions and excellent wetting properties, which enables the use in the production of pigmented pastes, like slurries, and in the manufacture of acrylic and vinylic latex paints.

OXITIVE® 7210 has extremely low foam formation, allowing the formulator to reduce the use of antifoaming agents in the formulation.

OXITIVE® 7210 can be used in low dosages during a pigment dispersion process, allowing a reduction in the mill base viscosity, guaranteeing an effective milling of the pigments and fillers, even in high solids content. Recommended dosage as grinding aid: 0.1 – 0.3%. Recommended dosage as color aid: 0.3 – 1.5%.

APPLICATION RESULTS

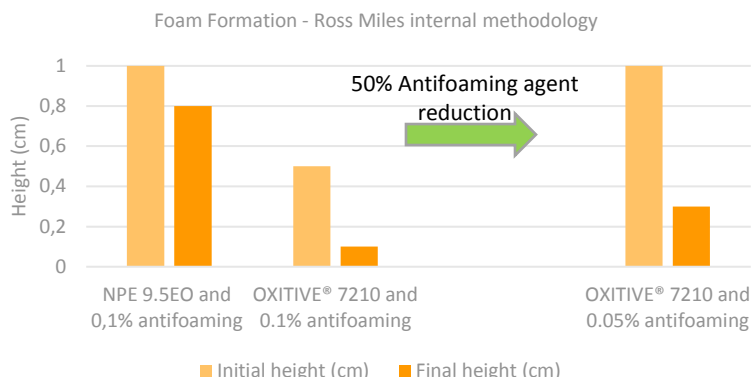


Figure 1. Performance of OXITIVE® 7210 with lower anti-foaming dosages.

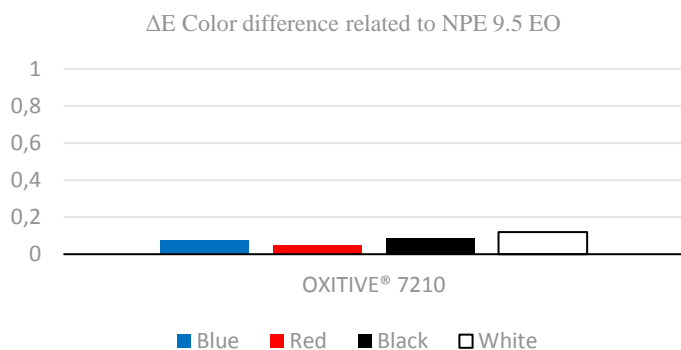


Figure 2. Color Acceptance measured through ΔE related to NPE 9.5 EO.

STORAGE AND HANDLING

Store in a covered, well-ventilated area, away from sunlight and away from sources of heat or open flame. Ensure that the storage locale has adequate control of temperature, pressure, and humidity. Keep the containers hermetically sealed when not in use. Avoid inhalation and contact with eyes, skin or clothing through proper protection. For more information, consult the Safety Data Sheet (SDS).

SHELF LIFE

24 Months from the manufacturing date.

STANDARD PACKAGING

Drums	Samples
Bulk	

REGULATORY

CAS ²	68213-24-1
USA (TSCA)	Listed
Canada (DSL)	Listed
Australia (AICS)	Listed
China (IECSC)	Listed
Korea (ECL)	Listed
New Zealand (NZIoC)	Listed
Phillipines (PICCS)	Listed
US DOT	Not Classified

¹The physical properties described in the table are only for informational purposes and may be changed without notice. Please contact Oxiteno for updated data. ²Chemical Abstracts Service.

DISCLAIMER

This information is given in good faith, based on Oxiteno's current knowledge on the subject, and is purely indicative. Any information, including suggestions for using the products, should not preclude experimental testing and verification, which are essential to ensure the suitability of the products to each specific application. All users shall also abide by local laws and obtain all necessary permits. When handling the product, consult the safety data sheet. In case of questions or additional needs, please contact Oxiteno through our customer service channels

COMMERCIAL OFFICES

Brazil +55 11 3177 6102 oxiteno@oxiteno.com	Colombia +57 11 555 0070 oxiteno.colombia@oxiteno.com	Argentina +54 11 4115 5600 oxiteno.argentina@oxiteno.com	Mexico +52 55 5322 0560 oxiteno.mexico@oxiteno.com	United States +1 346 718 6200 oxiteno.usa@oxiteno.com
--	--	---	---	--