



# TECHNICAL BULLETIN

Raybo Chemical Company

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## OptiSperse 5790

### Pigment Dispersant

REFERENCE	FEATURES	SYSTEM	COMMENTS	USAGE (%)	REFERENCE
	Pourable at Reduced Temperatures Improves Dispersion and Gloss	Solvent, Water Reducible	90% Active	1-5% of Pigment Weight	

#### PERFORMANCE

OptiSperse 5790 is being offered as a pourable version of OptiSperse 57 in response to customer concerns about the low temperature handling properties of the 100% solids version. OptiSperse 5790 is the same broad spectrum dispersant that has been found equally effective in dispersing both high and low HLB pigments. The highly effective dispersant action of OptiSperse 5790 will often reduce the milling time while improving the color development, gloss, and reduce the tendency of some pigments to increase the viscosity or puff. Reduced with a mixture of aliphatic and aromatic solvents, OptiSperse 5790 exhibits a flash point of 180°F (TCC). The 10% reduction in activity and increase in VOC is offset by the dramatic change in low temperature handling. OptiSperse 5790 is effective in solvent and water reduced alkyd systems. It can be used as the sole grinding vehicle in the production of tinting pastes. OptiSperse 5790 can also be used successfully in solvent based inks and caulks.

#### ADVANTAGES

- 90% active
- Pourable when cold
- Broad spectrum utility
- Solids listed with USDA
- Improved gloss

#### RECOMMENDATIONS

1-5% of total weight - For Paints and Printing Inks  
 1-5% of total pigment weight - For Tinting Pastes  
 1-5% of total pigment weight - For Caulks  
 Not Recommended for Latex and Water Reducible Urethanes

#### PHYSICAL DATA\*\*

Weight/Gallon ..... 8.1 lbs.  
 Appearance ..... Amber Liquid  
 Flash Point ..... 180°F (TCC)  
 Solids ..... 90%

#### CONTAINER SIZES

North American: 5 gal. pail\*, 55 gal. drum, and bulk.  
 Global Zones: 5 gal. pail\*, 55 gal. drum.

\* One gallon containers available upon request.

\*\* Typical Properties; not sales specifications.

The information and data stated herein, although in no way guaranteed, are based upon tests and reports considered to be reliable and are believed to be accurate. No warranty either expressed or implied, is made or intended. Use by customer should be based upon its own investigations and appraisals. Any recommendation should not be construed as an invitation to use a material in infringement of patents.

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