

Specialty and Custom Chemicals Since 1968



E-SPERSE® 4754 PIGMENT DISPERSANT

PERFORMANCE BENEFITS

E-Sperse® 4754 is a new natural oil based dispersant that is effective in dispersing both inorganic and organic pigments into a variety of solvent and resin based coating formulations. Its multiple functionalities are effective anchoring groups for a wide variety of pigments. E-Sperse® 4754 has been shown to be especially effective for difficult to disperse solar reflective metal oxide pigments in urethane aircraft paint formulations. It is used as the sole dispersant in these formulations where a combination of conventional dispersants is usually required. Panels of urethane topcoats formulated with eight different pigments showed excellent weatherability at 3000 hours of xenon arc accelerated weathering. E-Sperse® 4754 also contains hydroxyl functionality which allows the dispersant to crosslink into urethane and melamine based formulations.



APPLICATION DATA

Add from 3 to 12% on the weight of the pigment. Usage will vary dependent upon system, solvent, and pigment type. *see website www.esperse.com for pigments utilized, and other information.

TYPICAL PROPERTIES

Acid value:	10-15 mg KOH/g	Zero VOC:	100% active
Hydroxyl Value:	TBD	Appearance:	Viscous yellow liquid
pH:	6.3 – 6.0	Typical Viscosity:	1000-1500 cP @ 25C

TECHNICAL CONTACT

Edward R. Godwin | Coatings Additives Manager
704-562-2554 | egodwin@ethox.com

The information contained herein is believed to be correct; however, it should not be construed as a guarantee or as a statement of suitability for use in any application. This information should not be considered as a recommendation to infringe any patent.

ETHOX CHEMICALS, LLC

INNOVATIVE. RESPONSIVE. RELIABLE.

864-277-1620 | www.ethox.com