



RADIANT **CHEMICALS**

Plot No - A 4, M.I.D.C, Kulgaon,
Badlapur - E, Dist - Thane (421 503)
Maharashtra, India
Ph : +91-251-2696 114
Fax : +91-251-2696 115
Email : rhinol@radiantchemicals.com
Web : www.radiantchemicals.com

RHINADISPERS - 110

RHINADISPERS-110 is the Wetting and dispersing additive for solvent-borne and solvent-free coatings and printing inks for stabilizing inorganic pigments, in particular titanium dioxide. Strong reduction of mill base viscosity.

Solution of a copolymer with acidic groups

PRODUCT SPECIFICATION

PROPERTIES	SPECIFICATION
Density (20° C)	1.03 g/ml
Solvents	Methoxypropylacetate/Alkylbenzenes

APPLICATIONS

Coating Industry and Printing Inks Special Features and Benefits

The additive deflocculates pigments by means of steric stabilization. As a result of the small particle sizes of the deflocculated pigments, high levels of gloss can be achieved and the color strength is improved. Transparency and hiding power also increase and viscosity is reduced. In this way, the flow characteristics are also improved and higher pigment loading is possible. For inorganic pigmented coatings, which are applied using electrostatic high rotation equipment, haze is significantly reduced.

Recommended Use

The additive is recommended for all solvent-borne and solvent-free coatings and printing inks to stabilize inorganic pigments, specifically titanium dioxide. Its anionic character makes it ideal for acid-catalyzed systems (e.g. coil coatings).

Recommended Levels

Amount of additive (as supplied) based upon pigment:

Inorganic pigments	:	5.0 - 10.0 %
Titanium dioxides	:	2.0 - 4.0 %

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

Incorporation and Processing Instructions

For optimum performance, the additive must be incorporated into the mill base before addition of pigments.