



RADIANT **CHEMICALS**

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RHINOL - 731

RHINOL - 731 is the Active pigment dispersant for water based emulsion paints and coatings. Pigment particles have a natural tendency to come together and form aggregates, because they are small particles and have large inter-particle attractive forces working between them, When used in aqueous media this flocculating tendency is further intensified because the pigment particles are squeezed together by water molecules, water too, having a strong affinity for itself. Therefore, these natural tendencies must be permanently overcome if pigments remain dispersed in the coating until it dries. RHINOL - 731 increases stability of dispersion of pigments by preventing reassociation of pigment or extender particles.

PRODUCT SPECIFICATION

PROPERTIES	SPECIFICATION
Appearance	Pale Yellow Clear Liquid
NVM (110°C / 60 min)	24.0 - 26.0 %
pH	9.70 - 10.70
Viscosity	Max 500.0 cps

PROPERTIES

- It gives high efficiency performance with a very wide range of pigments & extenders
- Enhances flow and leveling of paint.
- Contribute to overcome pigment floating and settling.
- Reduces mill viscosity which allows higher pigment / extender loading in paint formulation.
- Pigment dispersions made with RHINOL - 731 shows good stability to heat.

RECOMMENDED USES -

Water based emulsion coating systems for dispersion of variety of pigments and extenders especially for dispersion of Titanium dioxide. RHINOL - 731 is effective over pH range of 9.0 - 9.5