

## **SHEPHASPERSE - 731**

Shephasperse 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. Shephasperse 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 DELTA - 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. Shephasperse 731 is effective over pH range of 9.0 - 9.5.