



An ISO 9001 & 14001 Certified Company

Provisional Data Sheet

Indospense A 140 High Solid Ammonium Polyacrylate Dispersing Agent

Indospense A 140 is highly effective, low viscosity dispersing agent for water-borne coating systems.

It is a solution of an ammonium salt of an acrylic polymer in water. These polymers keep the solids dispersed in various conditions providing very stable dispersions. When compared with other dispersing agents these dispersants provide very good storage stability of the solids.

Indospense A 140 works as a very effective viscosity modifier. It is used to reduce the viscosity of the pigment slurry so that keeping the viscosity constant can increase the solid load. It can be effectively used in various water-based system as ideal dispersing agents for a wide range of pigments.

The optimum amount of dispersing agent required to form a stable dispersion strongly depends on the pigment's chemical nature, the particle surface and shape. The polymer base of the latex also plays a very important part in the stability equation.

Physical Properties:

Appearance: Light brown to pale yellow color liquid
Nature: Ammonium Polyacrylate
pH: 8 to 9
Solid Content: 42 %
Sp. Gravity @ 25° C: 1.2
Solubility in water: freely soluble

An ISO 9001 & 14001 Certified Company

Provisional Data Sheet

Advantages:

- Very good stability of the manufactured products, in particular excellent viscosity stability
- Improves the dispersion process
- By dispersing the particles it maintain good uniformity
- Highly effective at a wide range of temperatures & pH.
- Economical - as low level of addition required, being a 42% solid product

Recommended Dosage:

0.5 – 2.0% **Indospense A 140**
(based on pigment weight)

Storage and Handling:

Indospense A 140 is generally safe but on should wear gloves and glasses to handle the product thereby avoiding contact with eyes and prolonged contact with skin. In case of contact with skin, wash with plenty of water. In case of eyes, flush with water and get prompt medical attention.

Shelf Life:

It can be stored for 6 month from date of manufacturing



An ISO 9001 & 14001 Certified Company

Provisional Data Sheet

Disclaimer:

The suggestion and data in this bulletin are based on information we believe to be reliable. It is offered in good faith, but WITHOUT GUARANTEE, as the conditions and methods of the use of our products are beyond our control. We ALWAYS recommend that the prospective user should determine the suitability of our products and suggestions on an experimental basis first, Before ADAPTING on a commercial scale.

Prepared on 20 th June 2013 (Indofil/SPCD/Coating/June 2013/Rev. 0)

Registered Office:

**Kalpataru Square, 4th Floor, Kondivita Road, Off Andheri Kurla Road, Andheri (E),
Mumbai-400 059. India**