

**EBCA SPERSE N 50 A**

Edition 3-2023

**EBCA SPERSE N 50 A** is a terpolymer of polyacrylic acid in its acid form, provided as an aqueous solution. It functions as a highly effective dispersing and wetting agent for emulsion paints, acting as both a scale inhibitor and dispersant due to its unique composition, enabling it to perform effectively in challenging conditions such as high temperature, high pH, high hardness, and high alkalinity.

**Typical SPECIFICATIONS**

Property	Sperse N50 A
Appearance	Viscous, clear liquid
Ionic character	Anionic
Solid content	45± 1 %
Specific gravity	1.3 gm/l
pH value	3.5 - 4.5

**APPLICATIONS**

The exact required amount shall vary, so laboratory trials are highly recommended. Range of use 0.25 -0.90 % of total volume.

EBCASPERS N 50 A is highly recommended for low PVC Paints.

EBCASPERS N 50 A can be used alone or in combination with Polyphosphates.

EBCASPERS N 50 A can be employed for all commonly used emulsion Resins.

EBCASPERSE N 50 A has a beneficial effect on the storage stability of highly pigmented emulsion paints.

Precaution:

The overuse of the EBCA SPERSE N 50 A may result in a negative effect on the viscosity and may increase during grinding and storage. So, you should be careful when determining the quantity to be used. Laboratory trials are highly recommended.

**SPECIFIC PROPERTIES**

EBCASPERS N 50 A is an effective dispersant for high solids content mineral slurries.

EBCASPERS N 50 A is used for the highly concentration of minerals emulsion Paints, as a wetting, and dispersing and stabilizing agent.

**PACKAGING**

125, 250 Kgs Plastic Drums or 1250 IBC Tank.

**STORAGE**

This product has a shelf life of 12 months in the original closed container at temperature of 5°C to 30°C. Once the container has been opened, the contents should be used directly, and the container should be closed tightly after each use.

The Technical data ascertained by our quality control laboratory at the time of product release may vary according to the storage time and storage conditions and may deviate from the stated limits.

These suggestions and data based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale.

Egyptian British Company maintains Material Safety Data sheets (MSDS) on all of its products. These contain important information that you may need to protect your employees and customers against any known health and safety hazards associated with our products. We recommend you to obtain copies of MSDS for our products, from our technical representative, and obtain copies of MSDS from your suppliers of other raw materials used with our products.