



Sospensil C2

Chemical description

Aqueous dispersion of phthalocyanine pigment

Main use

Additive to stick cast parts. Flocculant and anti-settling agent for ceramic slips.

Typical values

Appearance at 20 °C: Homogeneous liquid

Colour: Blue

pH: 6.5-9

Density (g/l): approx. 1170

Product properties

SOSPENSIL C2 is a special product useful in the production of ceramics obtained by slip casting, like sanitaryware, pottery, etc.

It is used mainly to convert the casting slip to a soft and adhesive mass useful to joint cast parts (rims or inserts), or unfired pieces like handles on cups. The excess of material is easy to clean in the green and in dried pieces by means of a sponge or a rubber spatula.

Comparing to traditional salts SOSPENSIL C2, thanks to its special recipe, helps to reduce the occurring of cracks along the joint, with a strong binding power.

The deep blue colour allows to see, in a easy way, where the sticky paste is placed

Applications

SOSPENSIL C2 is suitable for two main different tasks:

- SOSPENSIL C2, if added at very low percentage (0.02 - 0.1 %), acts as an anti-settling and anti-caking agent for slips and glazes: it slows down the sedimentation of solids particles and avoids the formation of hard, concrete-like sediments on the bottom of vessels and tanks.

Normally lower dosages are used for automatic application.

For manual application higher dosage are more common, but the right dosage might vary depending on the tool used for the application, and on operator's habit.

- SOSPENSIL C2, at higher concentration (more than 0.1 %), produces a strong flocculation of the casting slip, which, in such a way, becomes a very sticky paste, useful for the joining of ceramic pieces composed by two or more parts

Storage and handling

SOSPENSIL C2 is stable to prolonged storage under condition where extreme temperatures do not occur.

In order to maintain the performance of the product, store at room temperature and protect from frost.

The shelf life is at least 12 months if this condition is observed.

Packaging

50 kg plastic drum. 10 kg plastic tank.

Material safety

Consult the Safety Data Sheet

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