CeraSpray WM

Water-based medium for direct decoration by ceramic pigments

Chemical basis:
Preparation of synthetic polymers in organic solvent

Characteristics:
Appearance: colourless liquid
Solubility: water-miscible
Density (20 °C): approx. 0,94 g/cm³
Flash point: approx. 24 °C
solids content: approx. 9%
viscosity (25°C): aprrox. 300“ (4mm)

Safety data: see MSDS

Shelf-life / Packaging:
12 months when stored in dry and cool conditions
drums of 25 and 180 kg

Application:
CeraSpray WM is a water-miscible medium for application of ceramic colours, pigments and oxides for the decoration of porcelain, ceramic, glass and enamel. It can be applied using all automatic and semi-automatic decoration machines, such as band, line, casting and screen printing machines or it might be used for painting.

The paste composition is dependent upon the binder absorption by the pigment and the desired colour intensity. We recommend for 100 parts in weight of colour 100 to 150 parts in weight of medium. This mixture should be homogenized in a ball mill for several hours. The paste might be diluted with solvent according to the desired viscosity.

After thinning **CeraSpray WM** can be used as a spray medium. Water or Ethanol is used for thinning.

The colour takes 15 to 25 minutes to become touchdry.

For cleaning water is used.

Safety information:
On account of its solvent content **CeraSpray WM** must be kept away from all open flames. Containers should always be stored tightly sealed.

The above results have been obtained from trials in our laboratory and plant. In the light of changing conditions they can serve only as a guide and are therefore offered without obligation. We ask you to observe the possible rights of third parties.

10. Januray 2022