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MICROCRYSTALLINE WAX C80

DESCRIPTION

C80 is a microcrystalline wax with a high melting point, suitable for the protection of low porosity stone artifacts (marbles, granites), ceramics, wood.

As all the microcrystalline waxes **C80** is formed by a mix of saturated hydrocarbons with straight and branched chains, obtained from oil refinement.

As the melting point is between 83 and 94°C, even in case of direct solar irradiation, **C80** wax does not soften, thus avoiding dust absorption from the surface.

The chromatic effect is minimal, but if necessary the surface can be polished with normal brushes.

C80 can be used also as a matt medium for picture varnishes; thanks to its chemical inertia there will not be yellowing problems as noticed for the beeswax. In this case the quantity to solubilize will not exceed 2% in weight.

PROPERTIES

Melting point: 83-94°C
Penetration with a needle at 25°C:
0.4–1mm
Viscosity at 120°C: 8.5-12.5 mm²/s
Appearance: white pearls

PREPARATION

C80 hot-melts in all aliphatic and aromatic hydrocarbons.

It is suggested to prepare a wax solution at 5-10% in weight, using White Spirit D40, for its low toxicity as it is aromatics free (<0,1%) and for its high boiling point (140-200°C).

For the solubilization it is necessary to warm lightly (not over 80°C), even more so in the case of paste preparation (with 50% of wax).

PACKAGING

C80 is available in 1 and 4 kg pack sizes.

Information contained in this data sheet is based on our state of knowledge and on laboratory testing at the above-specified date. The User should determine, by preliminary tests, the suitability of the product for his intended purpose, and should observe the laws and regulations regarding health and safety.

C.T.S. S.r.l. guarantees the constant quality of the product but is not accountable for any damages caused by the incorrect use of a material. The product is intended **for professional use only**. In addition, the components and packaging can change at any time, without any obligation of prior notice.