



DKL Solder Paint

DESCRIPTION

DKL Solder Paint is a creamy mixture of finely powdered metal and active flux. A stabilising agent is added to keep the heavy powder in a consistent suspension. It has been specially formulated to enable effective tinning or sweat soldering of difficult to wet materials, such as cast iron or steels. The creamy compound allows the use of a highly aggressive flux medium which is dispersed uniformly in the metal powder. During use the flux cleaned surface is coated in molten metal to provide a tinned coating.

FEATURES

High performance fluxing action
Metal salt formulation
Suitable for all metals and alloys
Provides a uniform coating

BENEFITS

Easy tinning of difficult surfaces
Post soldering residues are easy to clean
Flexibility of use
Ideal for white metal bearing assemblies
Suitable for car body patching and general sweat soldering

APPLICATION

It is recommended that the parts to be tinned are thoroughly cleaned before applying the solder paint. The solder paint may be applied by brush or the components dipped into the paste. The parts should then be heated until the paint melts and flows. Avoid direct flame heating of the solder paint if possible. Once the assembly has cooled down, the flux residues should be thoroughly washed off in warm water. A citric acid wash followed by warm water and a deionised water rinse will provide the best results in critical applications.

AVAILABILITY

DKL Solder Paint is available in 1kg containers in various alloy grades.

Alloy Grades Available

Pure Tin	Melting Point	232°C
60Sn/40Pb	Melting Point	183°C - 188°C
40Sn/60Pb	Melting Point	183°C - 234°C

Larger containers are available to special order.

HEALTH AND SAFETY

DKL Solder Paint is a corrosive material and standard handling precautions should be observed. Eye and skin protection should be worn when handling and using this material. Avoid breathing fumes that are evolved during use. Ensure adequate extraction is provided in the workspace. For more detailed information consult the Material Safety Data Sheet (MSDS) which is available on request.

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