D-LACQUER

D-Lacquer is used when electrophoretic coatings have to be removed from components. This is usually termed as stripping of the lacquer and is done either to recover the oriiginal component or for analytical reasons.

Since the terminology *electrophoretic lacquer* is a broad one and consists of both acrylic lacquers and the so-called polyurethane lacquers, it is essential to test on samples whether the **D-Lacquer** is suitable for that particular type of lacquer coating.

Working Parameters:

The **D-Lacquer** is a ready-to-use, water-based formulation.

It is used at a temperature of 55^0C to 65^0C. The lacquer coating is removed by dipping the components in the **D-Lacquer** for a period of 10 to 20 minutes, with occasional movement of the components.

Good ventilation is essential and working under good ducting is recommended, as the **D-Lacquer** contains solvents.

Maintenance of the bath is achieved by topping up the bath with fresh **D-Lacquer** after the volume of the bath gets reduced on cooling. The stripped resins usually settle at the bottom of the bath and are decanted off. As the bath gets older, the stripping time is longer and the bath appears darker in colour. Also, the bath temperature may have to be increased, but not beyond 75^0C.

Note: It is recommended to give aging of 24 hours before bath is taken for coating & circulate UF unit for 2 hours.

Storage

Since the **D-Lacquer** contains solvents, it is recommended to store it in well-closed containers after use, otherwise the loss due to evaporation will be significant.

Please note:

The **D-Lacquer** is alkaline in nature. For this reason, when copper or copper alloy components are kept for long durations, copper will dissolve into the bath. After a certain concentration of copper in the bath has been reached, copper might get deposited on the components by displacement reaction. At this stage, the bath will have to be discarded.

Warranty: The above information is based on our knowledge and experience and is given in good faith. RRR does not have control over the goods and over their usage, once they leave our premises. The normal precautions while handling chemicals must be followed (hand gloves, spectacles and so on), even when no hazard label is evident on the packing. The local regulations for treatment and discharge of chemicals must be followed. No liability arises out of handling or use.

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