

RIAG Lacquer 990

Stop off lacquer for electroless nickel plating

RIAG Lacquer 990 Additive is a liquid stop off lacquer which is being used to partially mask parts. The essential characteristics are the excellent chemical resistance in combination with a very good adhesion. **RIAG Lacquer 990 Additive** is mainly applied in electroless nickel processes but may also be used in other conventional electro plating processes including pretreatments. At room temperature the product usually dries within one hour. The storage stability of **RIAG Lacquer 990 Additive** is practically unlimited. There is neither phase separation nor segregation. To make it more distinguished the lacquer is stained with a green colour. Furthermore it has the ability to promptly expel embedded air bubbles, therefore it can be applied in a thin layer and free of pores. The temperature resistance to hot solutions is guaranteed up to 95 °C. The dried coating is insensitive to contact and doesn't bond with similar parts or other metals. The dried stop off lacquer **RIAG Lacquer 990 Additive** may be cut with a sharp knife. Clearly marked borders may be achieved by using masking tape which is removed before the lacquer is dried up.

Working instructions

Usually **RIAG Lacquer 990 Additive** is applied undiluted, however, if necessary it can be diluted with toluene or xylene up to 15 %. Dipping twice in undiluted **RIAG Lacquer 990 Additive** obtains a coating thickness of approx. 200 – 250 µm.

Safety arrangements

Please consult the safety data sheets and the general instructions how to handle chemicals. Chemicals may not be stored below 10 °C.

The flash point of **RIAG Lacquer 990 Additive** is below 21 °C, therefore the appropriate regulations in handling easily flammable liquids have to be followed.

If not in use the containers have to be closed tight to avoid evaporation.

We recommend a ventilation system while using the lacquer.

Liability

This instruction manual was compiled with reference to the state of the art and all current standards, and is based on the long-term knowledge and experience of RIAG. However, RIAG cannot monitor compliance with this instruction manual and the methods described herein at the customer/end-user's premises. Work carried out with RIAG products must be adapted accordingly to meet local conditions. In particular, RIAG cannot accept liability for damage, loss or cost incurred due to a failure to adhere to this instruction manual, improper application of the methods, unauthorised technical modifications, insufficient maintenance or the absence of maintenance in respect of the requisite technical hardware or equipment, or in the event of use by unqualified personnel. RIAG is not liable for damage or loss caused by RIAG or its employees except where intention or gross negligence can be proved.

RIAG furthermore reserves the right to make changes in relation to products, methods and the instruction manual without prior notice.

Our goods and services are subject to the General Terms and Conditions for Delivery of the Association of Surface Technology Suppliers (VLO), which can be viewed at www.riag.ch (link "General Terms and Conditions", document "RIAG Oberflächentechnik AG (Wängi, Switzerland) 50 KB", version 1/2014), which we would be glad to send to you on request.

This transaction is governed by material Swiss law (Law of Obligations), excluding private international law (conflict of laws) and intergovernmental treaties, specifically the CISG.

RIAG Oberflächentechnik AG
Murgstrasse 19a
CH- 9545 Wängi
Tel. + 41 (0) 52 / 369 70 70
Fax + 41 (0) 52 / 369 70 79
www.riag.ch
info@riag.ch