TECHNICAL DATA SHEET

1. NAME OF PRODUCT

PRIMER VIKTOR 400

primer and barrier lacquer for aluminium foil

2. PRODUCER

VIKTOR Lacquers Ltd., Czech Republic, CZ-592 31 Nove Mesto na Morave, U Jatek 1551, tel.: +420 566 618 550, **www.viktorlac.com**

3. PURPOSE, APPLICATION AND RECOMMENDATION

A primer and barrier lacquer for aluminium foils. Chlorine free.

Recommended amount for coating:	0,8 – 3,5 g/m^2 of dry film
Heat-seal resistance	up to 250 °C
Recommended printing technology:	semiflexo or gravure printing
Recommended viscosity for application:	15 – 30 s (Ø4 Ford cup / 20°C)
Recommended thinning and cleaning:	ethylacetate
Recommended drying conditions:	100 - 150ºC / 6 - 10 sec. The ratio between the velocity of the machine / temperature is set according to arrange of factors (such as quantity of the lacquer applied, temperature-time curve of drying zones, concentration of vapours, streaming speed, air humidity etc.). For this reason we recommend testing and measuring of the content of the residual solvents.
Mixing:	If to be used following a prolonged period of storage, it is advisable to mix the lacquer well
Shelf life and warranty:	9 months – storage directions to be followed

Its rheological properties and volatility can be partly altered according the customer's needs. Addition of coloring agents can effect color difference.

4. COMPOSITION

Binding agents:	nitrocellulose
Solvents:	ethylacetate, acetone
Additives:	softening and adhesive agents

5. PHYSICAL PROPERTIES WITH REGARD TO APPLICATION

State and color:	yellowish, slightly opalescent liquid or colored according to the color version
Solid content:	24 ± 2 wt.% (105°C / 1h)
Viscosity:	30 - 50 s (Ø4 x 4 mm flows cup / 20°C)
Specific weight:	0,95 ± 0,03 g / ml (pycnometer / 20°)

Other physical and chemical parameters are incorporated into a document called "Material Safety Data Sheet".

6. HYGIENIC AND SAFETY INSTRUCTION

Hygienic properties of the lacquer conform with legal requirements of the Regulation (EC) No 1935/2004 of the European parliament and of the council on materials and articles intended to come into contact with food and Commission regulation (EU) No 10/2011 on plastic materials and articles intended to come into contact with food.
Highly flammable and irritable liquid, risk of ignition and explosion of vapours. Protect against naked fire, electric discharges, reducing and oxidizing agents, etc.
The substance irritates eyes, mucous membranes and respiratory organs.
Additional information is included in the "Material Safety Data Sheet" and the „Declaration of Conformity" documents.

7. HANDLING AND STORAGE

Stick to the procedures that are usual in handling chemicals. Proceed in conformity with the regulations applicable to flammable fluids. Make sure there is adequate ventilation. Avoid contact with eyes and skin. Take measures aimed to eliminate electrostatic discharges.
Wear means of personal protection and an antistatic work clothing.
Store in cool, dry and properly ventilated premises in conformity with the flammable fluids. For protection against the air humidity – store in closed packaging. Additional information is included in the "Material Safety Data Sheet".

The information included in this "Technical Sheet" reflects our knowledge regarding the product by the time of issuance of this document. The date specified herein cannot be applied to other substances. More information on the www.viktorlac.com. VIKTOR Lacquers Ltd. bears no responsibility for damage done by misuse of the product.

To prevent the problem we recommend prior testing of the individual applications.