

# TECHNICAL DATA SHEET

## 1. NAME OF PRODUCT

# HS-LACQUER VIKTOR 70

heat-sealing lacquer for aluminium foil for spread cheese packaging

## 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](http://www.viktorlac.com)

## 3. PURPOSE, APPLICATION AND RECOMMENDATION

Heat-seal lacquer. It is applied on an aluminium foil to produce foils for spread cheese packaging.

*Applicable for sealing of:* lacquer-to-lacquer sealing action, standard melting temperature from about 75 - 80°C (can be changed according of customer's need)

*Recommended amount for coating:* 4 – 6 g/m<sup>2</sup> of dry film

*Recommended printing:* semiflexo or gravure printing

*Recommended viscosity for application:* 24 - 30 s (Ø4 Ford cup / 20°C)

*Recommended drying conditions:* On drying this lacquer you should proceed with some caution. The lacquer contains plasticizers which, while bearing thermal overload, migrate towards its surface as may bring about troubles with blockage. This is why there is a need to find such drying conditions as are exactly necessary to ensure the lacquer has dried up sufficiently, while sparing it some useless overheating. The drying conditions are determined by the machine's possibilities. Setting the velocity/temperature ratio is influenced by a range of factors (the quantity of lacquer deposited, the velocity of the air-flow, the air humidity, etc.) For all the above reasons, we do recommend testing.

*Mixing:* lacquer must be mix well before every application and must be keep homogenous during the work!

*Shelf life and warranty:* 6 months – storage directions to be followed

Its rheological properties and volatility can be partly altered according the customer's needs.

## 4. COMPOSITION

*Binding agents:* vinyl copolymers  
*Solvents:* methylethylketone, ethylacetate  
*Additives:* softening agents

## 5. PHYSICAL PROPERTIES WITH REGARD TO APPLICATION

*State and color:* colorless, slightly opalescent liquid

*Solid content:* 26 ± 2 wt.% (105°C / 1h)

*Viscosity:* 20 – 40 s (Ø4 Ford cup / 20°C)

*Specific weight:* 0,98 ± 0,03 g / ml (pycnometer / 20°C)

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](http://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.*