

# TECHNICAL DATA SHEET

## 1. NAME OF PRODUCT

# HS-LACQUER VIKTOR 32

waterborne heat-seal lacquer for hard aluminium foils

## 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

Waterborne heat-seal lacquer for hard aluminium foils.

<i>Printability:</i>	PVC, PVDC, APET
<i>Heat-seal resistance:</i>	up to 220°C
<i>Recommended amount for coating:</i>	4 – 6 g/m <sup>2</sup> of dry film
<i>Recommended application:</i>	semiflexo
<i>Recommended viscosity for lacquering:</i>	33 sec (Ø4 Ford cup / 20°C)
<i>Recommended drying / crosslinking conditions:</i>	100 – 180°C/ 6 – 10 sec., PMT min.145°C
<i>Thinning and cleaning:</i>	water
<i>Dry film cleaning:</i>	ethylacetate, methylethylketone
<i>Mixing:</i>	lacquer must be mix well before every application
<i>Shelf life and guaranty:</i>	6 months – storage directions to be followed

## 4. COMPOSITION

<i>Binding agents:</i>	acrylic dispersion
<i>Solvents:</i>	water
<i>Additives:</i>	anti-foam agents

## 5. PHYSICAL PROPERTIES WITH REGARD TO APPLICATION

<i>State and color:</i>	milky liquid
<i>Solid content:</i>	39 ± 2 wt.% (105°C / 1h)
<i>Viscosity:</i>	25 – 35 s (Ø4 Ford cup / 20°C)
<i>Specific weight:</i>	1,07 ± 0,03 g / ml (pycnometer / 20°)
<i>pH:</i>	7,5 ± 0,5

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

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. Make sure there is adequate ventilation. Avoid contact with eyes. Wear means of personal protection and a work clothing.

For protection against the air humidity – store in closed packaging.

Keep in the temperature above 5°C.

The mixture is not classified as dangerous.

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.*