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TECHNICAL DATA SHEET

UV CRACKERJACK (RETICULATION) VARNISH SYSTEM

DESCRIPTION

The Reticulation Effect is achieved by the application of two coatings namely:

1. **VR218 UV CRACKERJACK SPOT PRIMER VARNISH.**
2. **VR219 UV CRACKERJACK TOPCOAT GLOSS**

PRINT PROCESS

1. **VR218** is **first applied** as a **Spot Varnish** via a Flexo or Silkscreen process.
2. **VR219** is **overprinted** over **VR218** as a **Full Coat** (Total Coverage) via Rollercoat or Flexo process.

THE EFFECT

In the areas where the two coatings come into contact, the VR218 as a spot basecoat and the VR219 as a topcoat, the reticulation effect will be achieved. VR219 on its own as a topcoat will give a High Gloss Smooth Finish.

The UV Crackerjack (Reticulation)Varnish system works well on label, paper and board substrates.

PROPERTIES

	VR218 Base Coat (1st Coat)	VR219 Top Coat (2nd Coat)
Cure Speed (80W)	60m/min	60 m/min
Relative Density @ 25°C	1.1-1.3	1.10
Viscosity @25°C	36-38 Sec. Zahn Cup No.4	13 – 15 Sec. Zahn Cup No.4
Solids Content	100%	100%
Recommended Film Weight	4-6 g/m ²	3 – 5 g/m ²
Gloss @ 60°	Not <65% on Vulkraft Board	94 – 97% on Vulkraft Board

DRYING

By means of UV curing unit.

PACKAGING AND STORAGE

Packed in 25 Kg pails or 200 Kg drums. Storage stability is six months in original, unopened containers at 20°C.

GENERAL

The components used in the UV CRACKERJACK VARNISH SYSTEM would be compliant with FDA regulations for indirect food contact.

THIS DATA SUPERCEDES ANY PREVIOUS DATA PRIOR TO JANUARY 2020

