

Technical Data Sheet**Radkote UV Ctg 117S2FB - RAVG00103**

UV Curable, High Gloss Varnish

Product Description

High Gloss Overprint Varnish, Fast Curing, All Purpose, Gloss Coating
 Good scuff and abrasion resistance
 Good chemical and solvent resistance
 excellent adhesion and flexibility

| General Information | |
|----------------------|---|
| Product Type | Coatings |
| Product Technology | UV curing |
| Field Of Application | Flexible Packaging, Pressure Sensitive Labels |
| Properties | Good flow out, Water Resistance |

| Product Characteristics | | | |
|-------------------------|--|------------------|--------------------------------|
| Viscosity | • ~400 mPas +/- 100 (Centipoise at 25°C) | | |
| Curing | • 400 Feet / Min at 400 Watts / Inch | | |
| Solid Content | | | |
| Hot Foil Stamping | No | Glueability | No |
| Slip Angle | 12 Degrees | Heat Resistance | 350F - 1 Second Dwell @ 30 PSI |
| CoF static on Film | 0.22 | Anti Penetration | No |
| Specific Density (wet) | g/ml / 8.8-9.2 Lbs / Gallon Theoretical | | |

Substrate Recommendation

- Various films and paper

Application Method

- Flexographic Printing at 5.0 to 7.0 BCM Anilox with Blade

Storage Instructions

- Shelf-life 12 months
- After opening use as soon as possible.
- Protect from frost, heat and sun exposure.
- A viscosity increase is possible if stored incorrectly or for a long period of time.
- Avoid mixing with other coatings or washing water

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Cleaning Instructions

- Ethanol

Regulatory Compliance

- Disclaimer: For regulatory compliances please reach out to your responsible ACTEGA contact person.
- regulatory.actega.northamerica@altana.com

Additional Information

Contains Benzophenone

Contains Optical Brightener

Rub Resistance - 2000 Rubs w / 4 lb weight corrugated to face

Water Resistance - >275 Rubs with Q-Tip. Passes 4 Hour Water Soak Test

Increased coat weights will improve gloss levels and scuff, but will reduce scratch properties and coating flexibility. Please vet chemical and solvent resistance adherent to in house test procedures before moving to production volumes. Mix well before use.

Contact Information

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Disclaimer

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