

Interior can coating, solvent-based

Application

Clear, interior metal packaging coating based on benzoguanamine crosslinkers, with excellent flexibility and chemical resistance. Free of Bisphenol A, very low free formaldehyde content.

Components	Solid content [%]	Amount [g]
Dynapol L 912, solution 35% in Solvesso 150 ⁽¹⁾	35	73.0
Maprenal [®] BF 892 ULF ⁽²⁾	70	14.6
CAB 551-02, 20% in Butyldiglycolacetate ⁽³⁾	20	0.1
Solvesso 150 ⁽⁴⁾		12.3
Total		100.0
Theoretical solids (%)		40.8
Ratio Polyester Resin / Crosslinker (solid resins)		70 : 30
Viscosity (DIN 53211 4 mm cup, sec, 23°C)		120

(1) <u>www.evonik.com</u> (2) <u>www.prefere.com</u> (3) <u>www.eastman.com</u>

(4) www.exxonmobilchemical.com

Manufacturing Procedure

While stirring, mix all raw materials in the order indicated until homogeneous.

Guide formulation TS22-009-2531



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Coating Application	
Substrate	Tinplate E1 (2.8 / 2.8), 0.25 mm
Wet film application (spiral doctor blade)	75 μm
Dry film thickness	9 µm
Curing conditions	pre-drying 8 min 23 °C, curing 10 min 200 °C

Film Properties	
Crosshatch adhesion (DIN EN ISO 2409)	gt 0
Erichsen cupping	> 8 mm
Wedge bend test	< 30 mm
MEK double rub test (EN 13523-11:2019; Ø1.6cm; 9.5N)	> 100
Sterilization 90 min 119 °C:	(blush / roughness / adhesion)*
3% sodium chloride	0 / R0 / gt 1
3% acetic acid	1 / R0 / gt 1
3% lactic acid	1 / R0 / gt 1
*Evaluation scale: blush: 0 = best, 5 = wors adhesion: 0 = best, 5 = w	-

Handling and safety requirements

Detailed information is available in the safety data sheet of the individual raw materials.

Common indications

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Prefere Melamines GmbH	Prefere Melamines LLC
Alt Fechenheim 34	730 B Worcester Street
D-60386 Frankfurt am Main	Springfield, MA 01151
Germany	USA