

in Silicone resin

Solvent based coatings

Evonik Tego formulation No. TOP E 900 9 003

Rev. Number: 01.01

10/20

Function	Product	Producer	PBW
Silicone polyester hybrid resin	SILIKOTOP® E 900	Evonik	20.40
Wetting and dispersing agent	TEGO® Dispers 652	Evonik	1.20
Rheology modifier	BENTONE® SD-2	Elementis	0.20
Molecular sieve powder	SYLOSIV® A 3	Grace	0.30
Rheology modifier	AEROSIL® R 972	Evonik	0.90
Carbon black pigment	Colour Black FW 200	Orion Engineered Carbons	0.10
Quartz	SIKRON® SF6000	HPF The Mineral Engineers	3.00
Kaolin	Polisperse™ 50	Imerys	5.80
Anticorrosive pigment	HEUCOPHOS® CAPP	Sudarshan	4.20
Magnesium silicate	Microtalc™ IT Extra	Elementis	6.00
Titanium dioxide	KRONOS® 2190	KRONOS	10.50
Barium sulfate	EWO	Sachtleben Minerals	11.10
Solvent	Shellsol® D 60	Shell	3.50
Solvent	Methoxypropyl acetate		2.20
Solvent	Butyl acetate		4.90
Grind with a bead mill.			
Silicone polyester hybrid resin	SILIKOTOP® E 900	Evonik	16.30
Catalyst	TIB KAT® 218, 1% in Butyl acetate	TIB Chemicals	3.00
Solvent	Butyl acetate		4.00
Add while stirring.			
Solvent	Butyl acetate		2.40
Adjust to spray viscosity.			

100.00

Specifications

Vol.-% Anticorrosive pigment reg. pigment/filler	12.8
PVC in %	30.4
Solids in %	76.0

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