

Starting Formulation, FP-1084

October 5th, 2020
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End-Use Homecare

Zn containing floor polish for household application

High gloss floor polish based on metal-bound, styrene acrylic copolymer with good levelling and high gloss

Utilizing AQUACER 1075 with BYK-3450

Formulation

Pos.	Component	Supplier	Function	Weight [g]
1	Demineralized water		Solvent	50.8
2	Parmetol MBX (9%)	Vink Chemicals	Biocide	0.1
3	Citrofol B I (Tributylcitrate)	Jungbunzlauer	Permanent plasticizer	1.0
4	Diethylenglykolmonoethylether		Temporary plasticizer	3.5
5	Syntran 1950	Zschimmer & Schwarz	Film building resin	30.0
6	AQUACER 1075 (35%)	BYK	Surface protection	14.3
7	BYK-3450 (100%)	BYK	Levelling	0.3
				100.0

Instructions

- Mix water, Parmetol MBX and Citrofol BI at 1300 rpm with 30mm tooth blade (2 m/s) for 15 minutes
- Add all components in the listed order under stirring at 1 m/s
- Continue stirring at 1 m/s for additional 30 minutes after the last component was added

Characteristic Data/ Specification

Data	Unit	Value
Solid HDPE wax content	%	5.0
Solid resin content:	%	11.4
Ratio resin : wax	%	2.3 : 1.0

Further information / Application

Depending on the requirements, the polish can be used as as is as well as diluted with water.

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This issue replaces all previous versions.