

Starting Formulation, LC-5553

April 16th, 2021
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End-Use Homecare

Wipe-off, leather care polish with high water repellency

Creamy leather care formulation with surface protection and increased water repellency for traditional leather, utilizing AQUACER 570, BYK-349, RHEOBYK-HV 80 and LAPONITE-RD

Formulation

Pos.	Component	Supplier	Function	Weight [g]
1	Demineralized water		Solvent	84.85
2	LAPONITE-RD (100%)	BYK	Rheology additive	0.60
3	RHEOBYK-HV 80 (30%)	BYK	Rheology additive	0.80
4	PARMETOL MBX (9%)	Vink Chemicals	Biocide	0.10
5	AQUACER 570 (40%)	BYK	Surface protection	13.50
6	BYK-349 (100%)	BYK	Substrate wetting	0.15
				100.00

Instructions

- Mix water and LAPONITE-RD with a homogenizer at 2 m/s (1000 rpm, 40 mm tooth blade) for 15 minutes
- Add RHEOBYK-HV 80 under stirring at 2 m/s for 5 Minutes
- Add Parmetol MBX
- Add AQUACER 570 during stirring
- Continue stirring at 1 m/s for 10 minutes
- Add BYK-349 while stirring with high shear forces (5 m/s) for 5 min,
- Adjust the pH using DMEA until it is between 8.0 and 8.5 at high shear forces

Characteristic Data/ Specification

Data	Unit	Value
Solid wax content	%	5.4
pH value		8.3
Viscosity		High viscous, creamy
Total solid content	%	6.4

Further information / Application

The leather care formulation is designed to be used as is on traditional leathers; while it may work on some exotic leathers it is not expected to work on reptilian leathers.

Apply a thin layer of the formulation on the leather by hand using a soft cloth.

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This issue replaces all previous versions.