

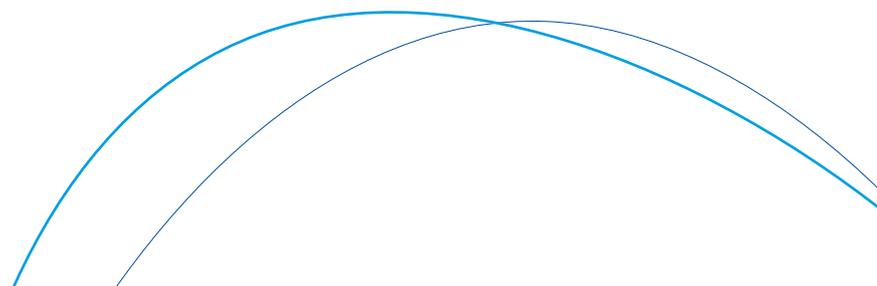
Starting point formulation – Wipe-off, leather care polish with high water repellency
 Cream-like leather care formulation with surface protection and increased water repellency,
 utilizing AQUACER 570, BYK-349, RHEOBYK-HV 80 and LAPONITE-RD

Formulation

Position	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
Total				100.00

Instructions

- Mix water and LAPONITE-RD with a homogenizer at 2 m/s (1,000 rpm, 40 mm tooth blade) for 15 min.
- Add RHEOBYK-HV 80 under stirring at 2 m/s for 5 min.
- Add Parmetol MBX.
- Add AQUACER 570 during stirring.
- Continue stirring at 1 m/s for 10 min.
- 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, cream-like
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.



Your local
contact

BYK-Chemie GmbH

Abelstraße 45
46483 Wesel
Germany
Tel +49 281 670-0
Fax +49 281 65735

info@byk.com
www.byk.com

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This issue replaces all previous versions.

