

Starting Formulation, CAR – 4057 – US

October 18, 2019
1/2

End-Use Homecare

“All in One”, Professional grade, machine buffable vehicle polish

Sprayable, car polish formulation with anti-hologram effect
Based on AQUACER 565, AQUACER 1031, BYK-9890, OPTIGEL-WX
and DISPERBYK-2015

Formulation

Pos.	Component	Supplier	Function	Weight [g]
1	Demineralized water		Solvent	66.0
2	Parmetol MBX (9%)	Schuelke	Biocide	0.2
3	OPTIGEL-WX (100%)	BYK	Anti-settling and body	1.2
4	DISPERBYK-2015 (40%)	BYK	Dispersing of abrasive	1.5
5	Kaopolite SF (100%)	Imerys	Abrasive	6.0
6	AQUACER 565 (30%)	BYK	Surface protection	6.0
7	AQUACER 1031 (40%)	BYK	Anti-hologram effect	1.2
8	Demineralized water		Solvent	12.6
9	BYK-9890 (22.5%)	BYK	Gloss and Slip	5.4
				100.0

Instructions

- Mix water, Parmetol MBX and OPTIGEL-WX at 1000 rpm for 15 minutes
- Add DISPERBYK-2015 and Kaopolite SF under stirring
- Stir the mixture at 2000-3000 rpm for 15 minutes
- Mix AQUACER 565, AQUACER 1031 and demineralized water in a separate container
- Stir the mixture for 15 minutes at 2000-3000 rpm
- Combine the two solutions under stirring at 500 rpm and continue stirring for 5 minutes
- Add BYK-9890 under stirring at 500 rpm over 3 minutes
- Continue stirring at 500 rpm for 15 minutes

Characteristic Data/ Specification

Data	Unit	Value
Solid wax content	%	2.3
Silicone content	%	1.2
Abrasive content	%	6.0
Solid W&D additive	%	0.6
Ratio W&D : Abrasive	%	1:10
Total solid content	%	11.3

Further information / Application

The car polish formulation is designed to be used as is.

Spray a thin layer of the formulation on the painted surface and apply using a polishing machine with a soft polishing sponge.

ACTAL[®], ADD-MAX[®], ADD-VANCE[®], ADJUST[®], ADVITROL[®], ANTI-TERRA[®], AQUACER[®], AQUAMAT[®], AQUATIX[®], BENTOLITE[®], BYK[®], BYK-DYNWET[®], BYK-SILCLEAN[®], BYKANOL[®], BYKETOL[®], BYKJET[®], BYKO2BLOCK[®], BYKOPLAST[®], BYKUMEN[®], CARBOBYK[®], CERACOL[®], CERAFAK[®], CERAFLOUR[®], CERAMAT[®], CERATIX[®], CLAYTONE[®], CLOISITE[®], DISPERBYK[®], DISPERPLAST[®], FULACOLOR[®], FULCAT[®], GARAMITE[®], GELWHITE[®], HORDAMER[®], LACTIMON[®], LAPONITE[®], MINERAL COLLOID[®], MINERPOL[®], NANOBYK[®], OPTIBENT[®], OPTIFLO[®], OPTIGEL[®], PAPERBYK[®], PERMONT[®], POLYAD[®], PRIEX[®], PURE THIX[®], RECYCLOBLEND[®], RECYCLOSORB[®], RECYCLOSTAB[®], RHEOBYK[®], RHEOCIN[®], RHEOTIX[®], SCONA[®], SILBYK[®], TIXOGEL[®], VISCOBYK[®] and Y 25[®] are registered trademarks of the BYK group.

The information herein is based on our present knowledge and experience. The information merely describes the properties of our products but no guarantee of properties in the legal sense shall be implied. We recommend testing our products as to their suitability for your envisaged purpose prior to use. No warranties of any kind, either express or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding any products mentioned herein and data or information set forth, or that such products, data or information may be used without infringing intellectual property rights of third parties. We reserve the right to make any changes according to technological progress or further developments.

This issue replaces all previous versions.