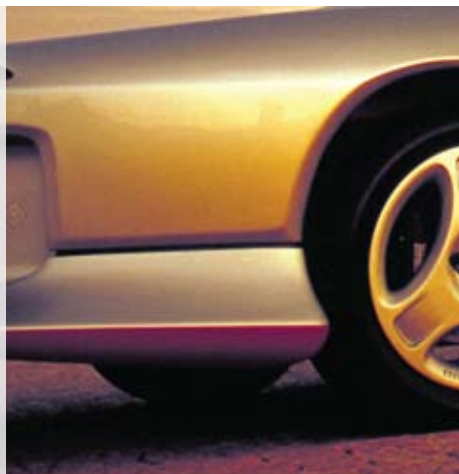


Prototype Formulation for Car Polish

Auto Care Formulation Information

Instant

Formulation reference: PW-330



AV09029

Description

The blend of fluids in this formulation yields high gloss in an easy-to-use product form.

Ingredient	Weight %	Trade Name/Supplier
Phase A		
Low aromatic solvent 160/190°C	25.0	Exxon Chemicals Ltd. Shell Chemicals Ltd.
XIAMETER® PMX-200 Silicone Fluid, 350 cSt	1.4	Dow Corning Corp.
XIAMETER® PMX-200 Silicone Fluid, 1,000 cSt	1.0	Dow Corning Corp.
<i>Dow Corning</i> ® 5200	2.0	Dow Corning Corp.
Phase B		
Water	57.6	
<i>Sillikolloid</i> ® P.87	8.5	Hoffmann Minerals
Wax Emulsion 7619 ¹	2.5	Marlin Chemicals
50% sodium citrate in water	2.0	

¹Wax Emulsion – 35% active blend of soft/hard waxes

Procedure

- 1) Blend phase A ingredients in the main vessel under low shear.
- 2) In the auxiliary vessel, add phase B ingredients in the order listed. Mix with low shear.
- 3) Add phase B to phase A very slowly under high shear until the emulsion begins to form. The remainder of phase B can then be added at a faster rate.
- 4) When addition is complete, mix with high shear.

Typical Properties/Additional Information

Suggestions for adjusting the formulation:

- To improve color: Incorporate XIAMETER® PMX-200 Silicone Fluid, 12,500 cSt at 0.4%
- To improve durability: Incorporate *Dow Corning*® 3527 Fluid or *Dow Corning*® 531 Fluid at 1.0% and reduce the level of the XIAMETER® PMX-200 Silicone Fluids by 0.5%

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Visit dowcorning.com/autocare for additional information.

- The low aromatic solvent can be partially replaced with XIAMETER® PMX-0245 Cyclosiloxane to comply with California Air Resources Board regulations

See Auto Care Raw Material Supplier Reference Sheet (Form No. 26-1064) for the role of the raw material and supplier information.

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Contact Information

dowcorning.com/ContactUs

xiameter.com

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