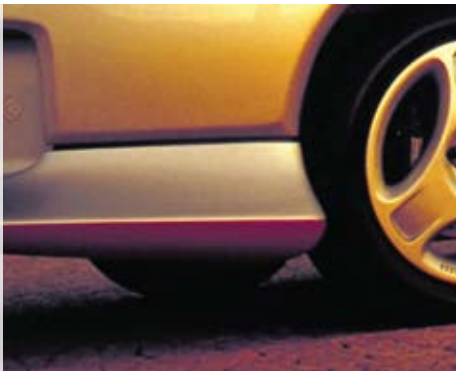


Prototype Formulation for Exterior Trim Protection

Auto Care Formulation Information

Exterior Plastic/Rubber Enhancers – Sheen Finish

Formulation reference: EP-404



AV09029

Description

This product provides a matte, leather-like appearance to exterior surfaces. Incorporation of a wax emulsion will promote uneven reflection of light, giving a perceived lower gloss finish. An emulsion of a lower-viscosity polydimethylsiloxane base polymer will give less color intensity.

Ingredient	Weight %	Trade Name/Supplier
1. Water	80.4	
2. <i>Dow Corning</i> [®] 2-8035 Emulsion	5.0	Dow Corning Corp.
3. XIAMETER [®] MEM-1665 Emulsion	8.0	Dow Corning Corp.
4. Wax emulsion	6.0	<i>Michelman</i> [®] Lube 155/ Michelman Inc.
5. Acrylic thickener: <i>Carbopol</i> [®] ETD 2001	0.4	Carbopol Ultrezio Lubrizol
6. Triethanolamine	0.2	

Procedure

- 1) Add ingredients 1–4 into an appropriate vessel. Mix at low speed.
- 2) Slowly add ingredients 5 and 6. Mix until product is homogeneous.

Typical Properties/Additional Information

Suggestions for adjusting the formulation:

- To lower the color intensity: Substitute XIAMETER[®] MEM-0349 Emulsion or XIAMETER[®] MEM-0346 Emulsion for XIAMETER MEM-1665 Emulsion
- To give a lower gloss finish: Partially replace XIAMETER MEM-1665 Emulsion with wax emulsion
- To improve durability: Increase the level of *Dow Corning* 2-8035 Emulsion and decrease the level of XIAMETER MEM-1665 Emulsion

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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