

Prototype Formulation for Exterior Trim Protection

Auto Care Formulation Information

Exterior Plastic/Rubber Enhancers – Liquid

Formulation reference: EP-403



AV09029

Description

The combination of an amino-functional silicone fluid and a high-viscosity silicone fluid gives a durable film to restore faded bumpers and other trim. Reducing the thickener level enables the product to be packaged in a spray dispenser.

Ingredient	Weight %	Trade Name/Supplier
1. Water	83.3	
2. <i>Dow Corning</i> [®] 2-8035 Emulsion	5.7	Dow Corning Corp.
3. XIAMETER [®] MEM-0600 Emulsion	10.0	Dow Corning Corp.
4. Cellulose thickener	1.0	Hercules – Aqualon Corp.

Procedure

- 1) Add ingredients 1–3 in the order listed to an appropriate vessel, while mixing at low speed.
- 2) Slowly add ingredient 4 to the vessel. Mix for 30 minutes, or until the product is completely dissolved and no lumps are present.

Typical Properties/Additional Information

Suggestions for adjusting the formulation:

- To improve durability: Increase the level of *Dow Corning* 2-8035 Emulsion and/or replace XIAMETER[®] MEM-0600 Emulsion with *Dow Corning*[®] HV 495
- To improve leveling: Add XIAMETER[®] MEM-1665 Emulsion or XIAMETER[®] MEM-0349 Emulsion or XIAMETER[®] MEM-0346 Emulsion
- To improve wetting: Add 0.5% of *Dow Corning*[®] 2-5211 or *Sylgard*[®] 309

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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