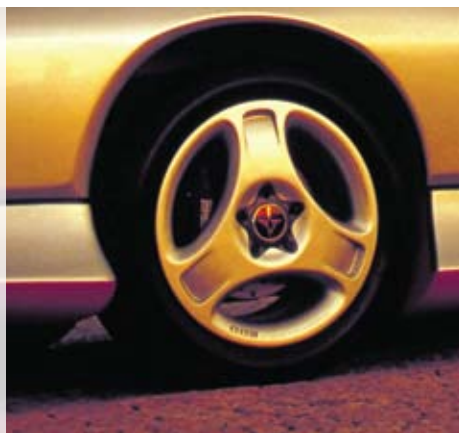


Prototype Formulation for Tire Care

Auto Care Formulation Information

Tire Enhancer Foam Spray

Formulation reference: TP-701



AV09029

Description

This formulation gives a “new” rather than painted appearance to the tire. The high-viscosity fluid emulsion increases gloss, while the amino-functional silicone promotes durability.

Ingredient	Weight %	Trade Name/Supplier
1. Water	68.15	
2. Polyoxyethylene (20) sorbitan monooleate	0.7	<i>Tween</i> [®] 80 / Croda Ltd.
3. Sorbitan trioleate	0.5	<i>Span</i> [®] 80 / Croda Ltd.
4. Propylene glycol	2.0	
5. XIAMETER [®] MEM-0600 Emulsion	20.0	Dow Corning Corp.
6. <i>Dow Corning</i> [®] 2-8035 Emulsion	8.3	Dow Corning Corp.
7. Rust inhibitor	0.2	Sodium benzoate
8. <i>Dow Corning</i> [®] 2210 Antifoam Emulsion	0.15	Dow Corning Corp.

Procedure

Mix the ingredients in the order listed with low-speed stirring.

Approximately 85% by weight of this formulation will be used in an aerosol fitted with a foaming valve, with the remaining 15% used in propellant.

Typical Properties/Additional Information

Suggestions for adjusting the formulation:

- To increase the gloss/color: Replace XIAMETER MEM-0600 Emulsion with *Dow Corning*[®] HV 495
- To improve durability: Increase ratio of *Dow Corning* 2-8035 Emulsion to XIAMETER MEM-0600 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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