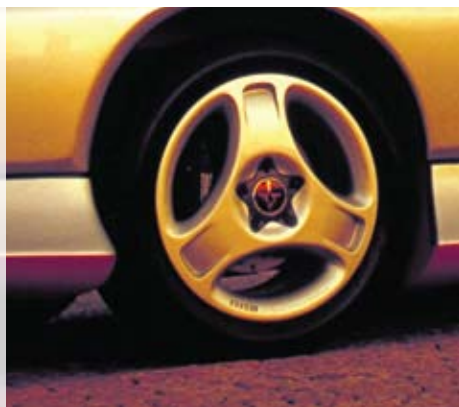


Prototype Formulation for Tire Care

Auto Care Formulation Information

Cream Tire Dressing with XIAMETER® MEM-1171 Emulsion

(Lot Number 16788-75)
Formulation reference: TP-740



AV09029

Description

This formulation produces a thick cream tire dressing based on XIAMETER MEM-1171 Emulsion. XIAMETER MEM-1171 Emulsion is low odor and high solids. XIAMETER® MEM-1101 Emulsion adds shine, while *Dow Corning*® 2-8035 Cationic Emulsion improves durability.

Ingredient	Weight %	Trade Name/Supplier
Water	58.85	
Carbomer	0.60	Carbopol Ultrez 10 / B.F. Goodrich
XIAMETER MEM-1171 Emulsion	32.0	Dow Corning Corp.
XIAMETER MEM-1101 Emulsion	4.0	Dow Corning Corp.
<i>Dow Corning</i> 2-8035 Cationic Emulsion	3.5	Dow Corning Corp.
Triethanolamine	1.1	
<i>Kathon</i> ™ LX	0.05	Rohm & Haas Co.

Procedure

- 1) Put the water into the main vessel and begin mixing at low speed. Slowly add the carbomer and mix under high shear until all powder has been wetted, approximately 30 minutes. Add the carbomer slowly to avoid the formation of lumps.
- 2) When all of the carbomer has been hydrated, add XIAMETER MEM-1171 Emulsion, XIAMETER MEM-1101 Emulsion and *Dow Corning* 2-8035 Emulsion to the main vessel while mixing.
- 3) Add the triethanolamine and preservative. Stir for another 30 minutes.
- 4) Pour down and package.

Typical Properties/Additional Information

- To improve gloss: Increase the amount of XIAMETER MEM-1101 Emulsion
- Explore different levels of gloss using XIAMETER® MEM-0600 Emulsion with XIAMETER MEM-1101 Emulsion

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

Visit dowcorning.com/autocare for additional information.

Two Brands to Serve You

In addition to the *Dow Corning*[®] brand specialty materials and services showcased in this document, Dow Corning Corporation offers over 2,100 standard silicone products under its XIAMETER[®] brand, backed by the same quality and supply you've come to expect from Dow Corning. Visit xiameter.com to learn more about additional silicone options available from XIAMETER brand.

Contact Information

dowcorning.com/ContactUs

xiameter.com

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Printed in USA

AGP10003

Form No. 26-1612A-01

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