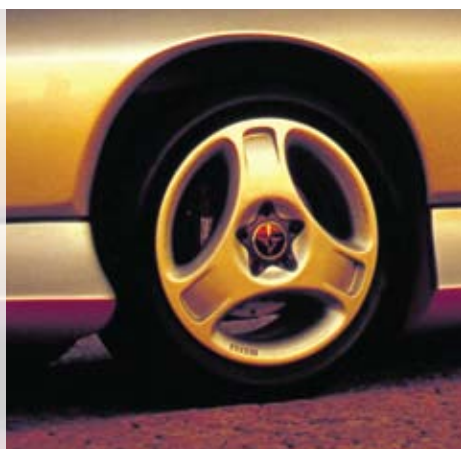


Prototype Formulation for Tire Care

Auto Care Formulation Information

Fast Dry Premium Shine Tire Dressing

Formulation reference: TP-750



AV09029

Dow Corning OS-2 Silicone Cleaner and Solvent is:

- VOC-exempt
- Non-allergenic
- Low in toxicity
- Safe on plastics;
non-corrosive to metals

Description

This formulation is a “spray and walk away” tire dressing that dries extremely fast and is California A.R.B compliant. The formulation provides premium shine and premium darkening/color enhancement of tires. Treated tires have a glossy, dark “car show” appearance.

Ingredient	Weight %	Trade Name/Supplier
Phase A		
<i>Dow Corning</i> ® OS-2 Silicone Cleaner and Solvent	50	Dow Corning Corp.
XIAMETER® PMX-200 Silicone Fluid, 1,000 cSt	10	Dow Corning Corp.
XIAMETER® PMX-200 Silicone Fluid, 10,000 cSt	20	Dow Corning Corp.
Phase B		
VOC-exempt aliphatic hydrocarbon solvent (isoparaffin)	20	CPChem <i>Soltrol</i> ® 220 or <i>Exxon</i> ® Isopar M

Procedure

Add the phase A ingredients in the order shown into a mixing vessel suitable for handling flammable liquids and vapors. Use a mixing impeller with adequate turnover flow at the bottom of the container. Rinse the load lines and any additional containers with the phase B ingredient while adding it to the mixing vessel.

Typical Properties/Additional Information

Dow Corning OS-2 Silicone Cleaner and Solvent is flammable. Review the Dow Corning Safety Data Sheet and use appropriate cautions during use. The above formulation is flammable (flash point = 27°F). Follow the appropriate labeling and shipping of packages containing this formula.

Including the isoparaffin solvent prevents the formula from drying before the gloss agents cover the tire uniformly and also lowers the formula cost.

... continued on back



15 minutes
after application



30 minutes
after application



Dried appearance

AV05804

Formulation Performance Review

Results

- Uniform appearance while drying
- Amount of slippery residue on the ground is four times less than with formulation TP-770
- Reduced streaks/drips at the tire bottom while drying
- High level of color enhancement and gloss compared to TP-770

Formula was sprayed on the tire surface with no wiping.

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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