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SUBJECT:

Do Not Apply Corrosion Protection On Sheet Molding Compound (SMC) Plastic Panels

OVERVIEW:

This bulletin involves discussing SMC plastic panels and applying corrosion protection.

DISCUSSION:

The application of corrosion protection on SMC plastic panels is unnecessary and not recommended. It can adversely affect the paint or any other coating applied to the substrate. In some instances it can cause a condition commonly referred to as solvent popping shown in (Fig. 1).

Although the condition appears to be repairable, it will reoccur because the SMC substrate is porous and has essentially absorbed the corrosion inhibitor, which will cause the condition to reoccur. Panel replacement is required when solvent popping is evident on SMC plastic panels and after corrosion protection materials have been applied.



Fig. 1 SMC Solvent Popping

Unique SMC Plastic Applications Include But Are Not Limited To:

Models	Description	Body Panel
(SR)	Dodge Viper	Hood, Roof, and Doors
(JC)	Dodge Journey	Liftgate
(TJ)	Jeep Wrangler	Hardtop Roof Panels
(JK)	Jeep Wrangler	Hardtop Roof Panels
** (BU)	Jeep Renegade	Roof Panels**

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