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AEROSPACE MATERIAL SPECIFICATION

SAE AMS-3138/6

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Submitted for recognition as an American National Standard

COATING MATERIAL, FLUOROCARBON (FKM) ELASTOMERIC Anti-Static Topcoating, Gray

1. SCOPE:

- 1.1 Form: This specification covers a fluorocarbon (FKM) elastomeric coating material for fiber-reinforced-resin composite structures in the form of a two-component, brushable or sprayable liquid.
- 1.2 Application: Primarily as a topcoating over AMS-3138/1, AMS-3138/2, or AMS-3138/3 base coating for protection of aircraft and missile radomes and other components from rain-erosion, aerodynamic heating, static, and weathering.

2. APPLICABLE DOCUMENTS: See AMS-3138.

3. TECHNICAL REQUIREMENTS:

- 3.1 Basic Specification: The complete requirements for procuring the coating material described herein shall consist of this document and the latest issue of the basic specification AMS-3138.
- 3.2 Material: Shall be as specified in AMS-3138.
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- 3.2.1 Color: Shall be gray and of sufficient intensity to hide completely the surface of the substrate, and shall closely match the applicable color chip of FED-STD-595.
- 3.3 Cured Coating Properties: Coating materials, mixed and cured as specified in the basic specification and applied over AMS-3138/1, AMS-3138/2, or AMS-3138/3, shall conform to the following requirements, determined in accordance with test methods listed in AMS-3138.
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