

AEROSPACE MATERIAL SPECIFICATION

SAE AMS3100/2B

Issued 1986-07
Reaffirmed 2004-02
Cancelled 2008-12

Superseding AMS3100/2A

Adhesion Promoter
For Polysulfide Sealing Compounds
Nonrestricted Solvent

RATIONALE

This slash sheet was incorporated into the basic specification AMS3100B.

This specification has been declared "CANCELLED" by the Aerospace Materials Division, SAE, as of December 2008 and has been superseded by AMS3100B. The requirements of the latest issue of AMS3100B shall be fulfilled whenever reference is made to the cancelled AMS3100/2A. By this action, this document will remain listed in the Numerical Section of the Index of Aerospace Material Specifications, noting that it has been superseded by AMS3100B.

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 AEROSPACE MATERIAL SPECIFICATION		AMS 3100/2A					
	<table><tr><td>Issued</td><td>JUL 1986</td></tr><tr><td>Revised</td><td>AUG 1994</td></tr><tr><td>Reaffirmed</td><td>FEB 2004</td></tr></table> Superseding AMS 3100/2		Issued	JUL 1986	Revised	AUG 1994	Reaffirmed
Issued	JUL 1986						
Revised	AUG 1994						
Reaffirmed	FEB 2004						
Adhesion Promoter For Polysulfide Sealing Compounds Nonrestricted Solvent							
1. SCOPE: 1.1 Form: This specification covers one type of adhesion promoter in the form of a liquid. 1.2 Application: See AMS 3100. 1.3 Precautions: (R) AMS 3100/2A may contain halogenated solvents and should not be used on high strength steel or on titanium alloys which will be subjected to temperatures above 450 °F (232 °C) because of their tendency for stress-corrosion cracking. 2. APPLICABLE DOCUMENTS: See AMS 3100. 3. TECHNICAL REQUIREMENTS: 3.1 Basic Specification: The complete requirements for procuring the adhesion promoter described herein shall consist of this document and the latest issue of the basic specification, AMS 3100. 3.2 Material: Shall be a dyed liquid. Solvent composition may contain halogenated compounds.							

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AMS 3100/2A**SAE****AMS 3100/2A****3.3 Properties:**

Adhesion promoter shall have the following properties, determined in accordance with test methods listed in AMS 3100:

3.3.1 Color: Adhesion promoter shall be tinted red and shall impart a red stain on the substrate when tested for color.

3.3.2 Peel Strength: Shall be as specified in Table 1.

3.3.2.1 Acceptance peel strength tests shall consist of either of the following, using as-received adhesion promoter only:

Test 1 - substrate 4.5.2.1.5 and Test 2 - substrates 4.5.2.1.4 and 4.5.2.1.5; or

Test 1 - substrate 4.5.2.1.3 and Test 2 - substrate 4.5.2.1.4

3.3.3 Storage Stability:

3.3.3.1 Long-Term Stability: Shall be as specified in Table 1, Tests 1 and 2, using substrates 4.5.2.1.3 and 4.5.2.1.5.

3.3.3.2 Short-Term Stability: Shall be as specified in Table 1, Tests 1 and 2, using substrates 4.5.2.1.3 and 4.5.2.1.5 after standing for 168 hours.

3.3.4 Aging After Application: Shall be as specified in Table 1, Tests 1 and 2, using substrates 4.5.2.1.3 and 4.5.2.1.5.

3.3.5 Composition Control: Infrared spectrogram shall agree with that obtained on the preproduction (qualification) sample. Any variance of composition greater than $\pm 5\%$ from the originally approved sample is not acceptable.

3.3.6 Solvent Identification: Solvent may contain halogenated compounds.

4. QUALITY ASSURANCE PROVISIONS:

See AMS 3100.

5. PREPARATION FOR DELIVERY:

See AMS 3100.

6. ACKNOWLEDGMENT:

See AMS 3100.