

**INCH-POUND**  
MIL-A-3316C  
AMENDMENT 2  
23 August 1990  
SUPERSEDING  
INT. AMENDMENT 1  
14 June 1988

**MILITARY SPECIFICATION**

**ADHESIVES, FIRE-RESISTANT,  
THERMAL INSULATION**

This amendment forms a part of MIL-A-3316C, dated 20 October 1987, and is approved for use by all Departments and Agencies of the Department of Defense.

PAGE 4

3.4, second sentence: Delete "(see 4.1.2)" and substitute "(see 4.4.15)".

PAGE 5

3.5.1, first sentence: Delete and substitute: "The flash point of the adhesive shall be higher than 110°F (see 4.4.4)."

PAGE 7

3.16: Delete "(see 4.4.15)" and substitute "(see 4.4.16)".

3.17: Delete and substitute:

"3.17 Material safety data sheet (MSDS). The contracting activity shall be provided a material safety data sheet at the time of contract award. The MSDS shall be provided in accordance with the requirements of FED-STD-313 and 29 CFR 1910.1200, Hazard Communication Standard. When FED-STD-313 is at variance with the CFR, 29 CFR 1910.1200 shall take precedence. FED-STD-313 shall be modified and supplemented accordingly. The MSDS shall be included with each shipment of the material covered by this specification (see 6.5)."

4.1.2: Delete.

4.2, second sentence: Delete "4.4.14" and substitute "4.4.15".

AMSC N/A

FSC 8040

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MIL-A-3361C  
AMENDMENT 2

PAGE 8

Table I, Flash point, under Inspection procedures for Adhesive class 1 column, add: "4.4.4" and Unit container content, under Inspection procedures for adhesive class 1, 2, and 3 columns, delete "4.4.15" and add "4.4.16".

PAGE 9

4.3.2.3, second sentence: Delete "4.4.15" and substitute "4.4.16".

4.4.1, second sentence: Delete "4.4.15" and substitute "4.4.16".

PAGE 10

4.4.4, first sentence: Add "1," after "classes".

PAGE 16

4.4.15: Renumber to "4.4.16".

Add new paragraph 4.4.15:

"4.4.15 Toxicological formulation. To determine conformance to the requirements of 3.4, the manufacturer of the compound shall disclose the formulation of his product to the Commander, Naval Medical Command (MEDCOM-02) Washington, DC 20372 for approval. The disclosure of proprietary information, which will be held in confidence by the Naval Medical Command, shall include the name, formula, and approximate percentage by weight, and volume of each ingredient in the product; the results of any toxicological testing of the product; and such other information as may be needed to permit an accurate appraisal of any toxicity problem associated with the handling, storage, application, use, disposal, or combustion of the material."

PAGE 18

\* 6.2.2.1: Delete.

PAGE 19

6.5: Delete and substitute:

"6.5 Material safety data sheet (MSDS). Contracting officers shall identify those activities requiring copies of MSDSs. Additional required Government information is contained in FED-STD-313. In order to obtain the MSDS, FAR clause 52.223-3 must be in the contract."

**MIL-A-3361C  
AMENDMENT 2**

The margins of this amendment are marked with an asterisk to indicate where changes (additions, modifications, corrections, deletions) from the previous amendment were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document base on the entire content irrespective of the marginal notations and relationship to the last previous amendment.

**Custodians:**

Army - MR  
Navy - SH

**Preparing activity:**

Navy - SH  
(Project 8040-0499)

**User activities.**

Navy - AS, OS, YD, CG