

NOT MEASUREMENT  
SENSITIVE

MIL-C-81904B(AS)  
AMENDMENT 1  
24 AUGUST 1992

MILITARY SPECIFICATION  
COATING COMPOUND, THERMAL-INSULATION, ABLATIVE

This amendment forms a part of MIL-C-81904B(AS), dated 31 May 1991, and is approved for use by the Naval Air Systems Command, Department of the Navy, and is available for use by all Departments and Agencies of the Department of Defense.

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In the "Beneficial comments" box: DELETE "Naval Air Engineering Center, Systems Engineering and Standardization Department (Code 53)," and substitute "Naval Air Warfare Center Aircraft Division Lakehurst, Systems Requirements Department, Code SR3,".

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3.4.1.1, line 2: Delete " $60^{\circ} \pm 20^{\circ}\text{F}$  ( $15^{\circ} \pm 11^{\circ}\text{C}$ )" and substitute " $50^{\circ} \pm 10^{\circ}\text{F}$  ( $10^{\circ} \pm 5^{\circ}\text{C}$ )."

3.4.1.1, line 3: Delete "to the procuring activity."

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3.4.2.1: Renumber paragraph number "3.4.2.1" as "3.4.3."

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TABLE II, under "Requirement paragraph": For 'Component A - Accelerated stability: Delete "3.4.1.3" and substitute "3.4.1.2." For Component B - Storage stability: Delete "3.4.2.1" and substitute "3.4.3."

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TABLE III, under Component A: Delete entry "Condition in container" in its entirety.

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5.3.1.1, first line under "STORAGE CONDITIONS": Delete "60° ± 20°F (15° ± 11°C)" and substitute "50° ± 10°F (10° ± 5°C), with an absolute minimum of 35°F (1.6°C)."

5.3.1.2: Delete first bullet entry under "CAUTION", and substitute

- " • METALS, WITH THE EXCEPTION OF STAINLESS STEEL, IN CONTACT WITH THIS MATERIAL WILL CAUSE IT TO DECOMPOSE.
- ONLY STAINLESS STEEL, GLASS LINED STAINLESS STEEL, POLYETHYLENE, POLYPROPYLENE, POLYTETRAFLUOROETHYLENE (PTFE), GLASS, OR CERAMIC CONTAINERS, FUNNELS, AND MEASURING DEVICES SHOULD BE USED WITH THIS MATERIAL.
- THE ORDER OF PREFERENCE FOR STAINLESS STEEL AMERICAN IRON AND STEEL INSTITUTE (AISI) ALLOYS CONTACTING THIS MATERIAL IS THE FOLLOWING: 316L, 304L, 316, 304. ALL STAINLESS STEELS CONTACTING THIS MATERIAL MUST BE PASSIVATED, THOROUGHLY WASHED, AND NEUTRALIZED PRIOR TO USE."

5.3.1.2, line 2, under STORAGE CONDITIONS: after 40° ± 5°C (4° ± 2°C), add "(for six (6) months storage life.)"

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6.3, line 11: Delete "Commander, Naval Air Development Center" and substitute "Commander, Naval Air Warfare Center Aircraft Division Warminster."

6.6.1, second line: Delete "40° to 80°F (4° to 26°C)" and substitute "50° ± 10°F (10° ± 5°C) with an absolute minimum of 35°F (1.6°C) under any circumstances."

6.6.1, third line: Add to the end of the paragraph "This material should not be exposed to temperatures below 35°F (1.6°C) for any reason."

6.7: Add the following to the Subject term (keyword) listing:

"Methyl ethyl ketone peroxide"

Preparing Activity:  
Navy - AS  
(Project 8030-N120)