

MIL-R-81903A(AS)
AMENDMENT 2
16 April 1985
SUPERSEDING
AMENDMENT 1
6 November 1979

MILITARY SPECIFICATION

REMOVER, ACID ACTIVATED, FOR AMINE-CURED EPOXY
COATING SYSTEMS

This amendment forms a part of Military Specification MIL-R-81903A(AS), dated 22 December 1977, 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.

PAGE 1

1.2, delete entire paragraph and substitute:

1.2 Classification. Coating removers covered by this specification shall be of the following types and classes as specified (see 6.2).

- Type I - Hydroxyacetic acid activated
- Type II - Formic acid activated
- Type III - Activated by a blend of hydroxyacetic acid and formic acid

- Class 1 - Phenolic
- Class 2 - Non-Phenolic

PAGE 2

2.1, delete:

- QQ-P-416 - Plating, Cadmium (Electroplated)
- TT-T-291 - Thinner, Paint, Volatile Spirits (Petroleum Spirits)
- MIL-C-5541 - Chemical Films and Chemical Film Materials for Aluminum and Aluminum Alloys.
- MIL-C-81773 - Coating, Polyurethane, Aliphatic, Weather Resistant

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2.1, add:

- | | |
|---------------|--|
| QQ-P-416 | - Plating, Cadmium (Electrodeposited) |
| TT-T-291 | - Thinner, Paint, Mineral Spirits, Regular and Odorless |
| MIL-C-5541 | - Chemical Conversion Coating on Aluminum and Aluminum Alloys. |
| * MIL-C-83286 | - Coating, Urethane, Aliphatic Isocyanate, for Aerospace Applications. |

PAGE 3

- * 3.2, delete last sentence.
- * 3.2.), at the end of the paragraph, add:

"Type I shall contain hydroxyacetic acid but no formic acid. Type II shall contain formic acid but no hydroxyacetic acid. Type III shall be a blend of hydroxyacetic and formic acids. Removers which contain phenol, cresol, or any derivatives thereof shall be classified as Class 1 products. Removers which contain no phenol, cresol or any derivatives thereof shall be classified as Class 2 products."

PAGE 6

4.4.1, delete the first sentence and substitute:

"A lot shall consist of all the coating remover produced by one manufacturer, at one plant, from the same materials, and under essentially the same conditions provided the operation is continuous and does not exceed 24 hours."

PAGE 7

- 4.5.3.1, line 4: Delete "petroleum" and substitute: "mineral".
line 5: Delete "grade A".
line 6: Delete "petroleum" and substitute: "mineral".

PAGE 11

- * 6.2, delete "d. Type required (see 1.2)" and substitute: "d. Type and class required (see 1.2)."

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