

AEROSPACE MATERIAL SPECIFICATION



AMS 1475C

Issued	JUL 1977
Revised	OCT 1987
Noncurrent	MAY 1993
Cancelled	AUG 2001
Superseding	AMS 1475B

Deodorant, Aircraft Toilet
Formaldehyde Base

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1. SCOPE:

1.1 Form:

This specification covers a biodegradable, formaldehyde-base material, containing additives, in the form of a concentrated liquid.

1.2 Application:

Primarily as an additive to be used in aircraft toilet systems to control corrosion, bacteria, color, and odor.

1.3 Safety - Hazardous Materials:

While the materials, methods, applications, and processes described or referenced in this specification may involve the use of hazardous materials, this specification does not address the hazards which may be involved in such use. It is the sole responsibility of the user to ensure familiarity with the safe and proper use of any hazardous materials and to take necessary precautionary measures to ensure the health and safety of all personnel involved.

2. APPLICABLE DOCUMENTS:

The following publications form a part of this specification to the extent specified herein. The latest issue of Aerospace Material Specifications and Aerospace Recommended Practices shall apply. The applicable issue of other documents shall be as specified in AMS 2350 except that the issue of APHA publications in effect on date of invitation to bid or request for proposal shall apply.

2.1 SAE Publications:

Available from SAE, 400 Commonwealth Drive, Warrendale, PA 15096.

2.1.1 Aerospace Material Specifications:

AMS 2350	Standards and Test Methods
AMS 2825	Material Safety Data Sheets
AMS 4049	Aluminum Alloy Sheet and Plate, Alclad, 5.6Zn - 2.5Mg - 1.6Cu - 0.23Cr (Alclad 7075; -T6 Sheet, -T651 Plate), Solution and Precipitation Heat Treated

2.1.2 Aerospace Recommended Practices:

ARP 1512	Corrosion of Aluminum Alloys by Aircraft Maintenance Chemicals, Sandwich Test
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2.2 ASTM Publications:

Available from American Society for Testing and Materials, 1916 Race Street, Philadelphia, PA 19103.

ASTM D56 Flash Point by Tag Closed Tester
ASTM D445 Kinematic Viscosity of Transparent and Opaque Liquids (and the Calculation of Dynamic Viscosity)
ASTM D471 Rubber Property - Effect of Liquids
ASTM D891 Specific Gravity of Liquid Industrial Chemicals
ASTM D1193 Reagent Water
ASTM D1331 Surface and Interfacial Tension of Solutions of Surface-Active Agents
ASTM D1568 Sampling and Chemical Analysis of Alkylbenzene Sulfonates
ASTM D2194 Concentration of Formaldehyde Solutions
ASTM D2667 Biodegradability of Alkylbenzene Sulfonates
ASTM E70 pH of Aqueous Solutions with the Glass Electrode
ASTM F483 Total Immersion Corrosion Test for Aircraft Maintenance Chemicals
ASTM F485 Effects of Cleaners on Unpainted Aircraft Surfaces
ASTM F502 Effects of Cleaning and Chemical Maintenance Materials on Painted Aircraft Surfaces
ASTM F503 Preparing Aircraft Cleaning Compounds, Liquid Type, for Storage Stability Testing

2.3 U.S. Government Publications:

Available from Commanding Officer, Naval Publications and Forms Center, 5801 Tabor Avenue, Philadelphia, PA 19120.

2.3.1 Military Specifications:

MIL-C-83286 Coating, Urethane, Aliphatic Isocyanate, for Aerospace Applications

2.3.2 Military Standards:

MIL-STD-794 Parts and Equipment, Procedures for Packaging and Packing of

2.4 APHA Publications:

Available from American Public Health Association, 1015 Eighteenth Street, N.W., Washington, DC, 20036.

Standard Methods for the Examination of Water and Wastewater

3. TECHNICAL REQUIREMENTS:

3.1 Material:

Shall consist of a biodegradable, formaldehyde-base material with suitable additives such as aromatic oils, buffers, etc, as necessary to provide a product meeting the requirements of 3.2.