

 <i>An SAE International Group</i>	AEROSPACE MATERIAL SPECIFICATION	AMS-T-81533A		
		Issued	APR 2001	
		Cancelled	APR 2007	
		Superseding AMS-T-81533		
Trichloroethane 1, 1, 1, (Methyl Chloroform) Inhibited, Vapor Degreasing				

RATIONALE

AMS-T-81533A has been designated cancelled due to survey of aerospace users and producers.

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This specification has been declared "CANCELLED" by the Aerospace Materials Division, SAE, as of April, 2007. By this action, this document will remain listed in the Numerical Section of the Index of Aerospace Material Specifications, indicating that it has been "CANCELLED".

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**Trichloroethane 1, 1, 1, (Methyl Chloroform) Inhibited,
Vapor Degreasing**

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This document has been taken directly from U.S. Military Specification MIL-T-81533A, Notice 1, and contains only minor editorial and format changes required to bring it into conformance with the publishing requirements of SAE technical standards. The initial release of this document is intended to replace MIL-T-81533A, Notice 1. Any part numbers established by the original specification remain unchanged.

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1. SCOPE:

- 1.1 This specification covers the requirements of inhibited 1,1,1 trichloroethane for vapor degreasing, (see 6.1).

2. APPLICABLE DOCUMENTS:

The following publications, of the issue in effect on date of invitation for bids or request for proposal, form a part of this specification to the extent specified herein.

2.1 U.S. Government Publications:

Available from DODSSP, Subscription Services Desk, Building 4D, 700 Robbins Avenue, Philadelphia, PA 19111-5094.

QQ-A-250/4C	Aluminum Alloy 2024, Plate and Sheet
QQ-M-44	Magnesium Alloy, Plate and Sheet (AZ-31B)
PPP-D-729	Drums, Metal, 55-Gallon (For Shipment of Non-corrosive Material)
PPP-P-704	Pails, Shipping, Steel (1 through 12 Gallon)

MIL-S-7952	Steel, Sheet and Strip, Uncoated, Carbon (1020 and 1025)
MIL-T-9046	Titanium and Titanium Alloy, Sheet, Strip and Plate

MIL-STD-105	Sampling Procedures and Tables for Inspection by Attributes
MIL-STD-129	Marking for Shipment and Storage

2.2 ASTM Publications:

Available from ASTM, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959.

D-1078-63	Distillation Range of Volatile Organic Liquids
D-1364-64	Water in Volatile Solvents (Fischer Reagent Titration Method)
D-2108-64	Test for Color of Halogenated Organic Solvents and Their Admixtures
D-2109-64	Test for Nonvolatile Matter in Halogenated Organic Solvents and Their Admixtures
D-2111-64	Test for Specific Gravity of Halogenated Organic Solvents and Their Admixtures

3. REQUIREMENTS:

3.1 Material:

The material shall consist of inhibited 1,1,1 trichloroethane. The inhibitors and impurities shall consist of materials such that the toxicity of the solvent mixture shall not exceed that of the uninhibited 1,1,1 trichloroethane as demonstrated by acute and chronic toxicity studies. The material shall be and remain homogeneous, and its utility shall not be adversely affected by storage up to 6 months in the original shipping containers under any climatic condition.