

# JMN SPECIALTIES, INC.

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## PRODUCT BULLETIN

### MIL-T-81772B Air Craft Coating Thinner

#### Type 1, 2, and 3

##### General Description

**MIL-T-81772B** covers the requirements for three types of thinner to be used in reducing aircraft coatings.

##### Usage

**Type 1:** Polyurethane thinner for use with MIL-C-46168, MIL-C-83286, MIL-DTL-53039 & MIL-PRF-85285 Urethanes.

**Type 2:** Epoxy thinner for use with Mil-PRF-22750 HS Epoxy, Mil-C-22750D Epoxy, Mil-P-23377 Epoxy Primer, Mil-PRF-23377 HS Epoxy Primers and Mil-DTL-53022 Conventional and High Solids Epoxy Primers.

**Type 3:** Acrylic and alkyd thinner for use with MIL-L-19537, MIL-L-19538, MIL-L-81352, TT-E-489G Cl B & TT-E-529D Ty 2 Bake Enamels, TT-E-527C Alkyd Enamel, TT-P-1757B Alkyd Primers, Mil-E-15090C Enamels, Mil-PRF81352B Ty 1 Acrylic Lacquer, A-3164A & A-3165A Synthetic Lacquers.

*Note: It is important to condition the paint for 24 hours prior to mixing by placing all materials in the shop or hangar, with ambient temperatures between 13° to 35°C (55° to 95°F). The minimum temperature of the paint components should be 13°C (55°F) prior to mixing.*

##### Typical Physical Properties

	TYPE 1	TYPE 2	TYPE 3
VOC:	7.44 ppg	7.02 ppg	7.34 ppg
Weight per Gallon:	7.24 - 7.44 ppg	6.92 - 7.02 ppg	7.14 - 7.34 ppg
Flash Point:	-5°C (22°F)	-0°C (32°F)	-1°C (30°F)

##### Availability

**MIL-T-81772B** is available in UN approved 5 gallon, 55 gallon drums and bulk quantities.

##### Handling

Observe warning label on containers. Normal precautions for industrial chemicals apply. This document does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this product to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.