



Simco Coatings Inc.

Manufacturer of Military Spec.,
Corps of Engrs. Spec, Industrial, &
Marine Coatings

TECHNICAL DATA SHEET

THINNER FOR AIRCRAFT & MARINE COATINGS **(CONFORMANCE: MIL-T-81772)**

DESCRIPTION: This specification covers the requirements for three types of thinner to be used in reducing marine and aircraft coatings.

These Thinners are furnished in the following types.

TYPE-I: POLYURETHANE THINNER
TYPE-II: EPOXY THINNER
TYPE-III: ACRYLIC AND ALKYD THINNER

CONFORMANCE: This product conforms to MIL-T-81772, Type I, II or III Revision B (the latest Revision).

These Thinners are formulated according to the exact proportions of the various solvents as described in the specification.

	<u>TYPE-I</u>	<u>TYPE-II</u>	<u>TYPE-III</u>
MIN. FLASH POINT °F (°C)	22°F (- 5°C)	32°F (0°C)	30°F (-1°C)

INTENDED USES:

TYPE-I

Polyurethane Thinner is intended for use with:
MIL-PRF-83231, 83286, 85285, 85322 (2 Part Aliphatic Polyurethane Coatings).
MIL-DTL-46168 (2 Part CARC Polyurethane Coating)

TYPE-II

Epoxy Thinner is intended for use with:
MIL-DTL-24441 Paint & Primer all Types.
MIL-PRF-22750 Epoxy Polyamide Coatings
MIL-PRF-23236 Epoxy Primers & Coatings
MIL-PRF-23377 Epoxy Polyamide Primer Coatings.
MIL-DTL-53022 Epoxy Primer
MIL-PRF-4556 Epoxy Primer & Topcoat

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TYPE-III

Acrylic and Alkyd Thinner

Suitable to be used with Acrylic and Alkyd Paint.

Can also be used as Lacquer Thinner in N/C based Lacquer.

SAFETY PRECAUTIONS:

- (A) Use normal precautions such as gloves and facemasks.
- (B) Adequate ventilation must be maintained.
- (C) Explosion proof lights and electrical equipment.
- (D) Non-sparking shoes and tools for workers in area.
- (E) This product contains flammable materials. Forbid all flames, smoking and welding in work area.
- (F) Avoid breathing of vapor, contact with skin and eyes. If product comes in contact with skin or eyes, wash thoroughly with water and obtain immediate medical attention.

NON-WARRANTY: The technical data listed herein has been compiled for your convenience and guidance, and is based upon our experience and knowledge. However, since we have no control over the use of this information or of this product, no warranty, expressed or implied, is intended or given. Simco Coatings, Inc., assumes no responsibility whatsoever for coverage, performance or any other damages, including injuries resulting from the use of this information or of products recommended herein.

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