



Simco Coatings Inc.

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

TECHNICAL DATA SHEET

TT-V-109 (MILVAR-831) **ALKYD RESIN SPAR VARNISH**

DESCRIPTION: Our Milvar-831 (Conformance: TT-V-109) is a clear, air drying varnish of the alkyd resin type and is intended for interior use, primarily as a transparent protective finish for wood. It serves as an undercoat for enamels when used on wooden construction and is also suitable for use as an aluminum vehicle.

CONFORMANCE: This product conforms to TT-V-109 Revision C (the latest Revision).

TECHNICAL DATA

COLOR & FINISH:	Light Pale, Gloss Finish
WEIGHT/GALLON:	7.50
% NON-VOLATILE BY WEIGHT (MIN):	44
% NON-VOLATILE BY VOLUME (MIN)	36
VISCOSITY FORD CUP #4:	35-45
FLASH POINT:	100°F
VOLATILE ORGANIC COMPOUNDS (VOC):	4.10 lbs./gallon or 492 g/l
RECOMMENDED DRY FILM THICKNESS (PER COAT):	0.5 -1.0 Mil.
THEORETICAL COVERAGE @ 1 Mil DFT	Approximately 400 sq.ft./Gal.
SHELF LIFE:	12 months (subject to inspection thereafter)
FLASH POINT: (SETA-FLASH CLOSED TESTER)	100°F (38°C)
DRYING TIME:	
(A) SET TO TOUCH, HRS. (MAX):	3
(B) DRY HARD, HRS. (MAX):	18
THINNER (FOR CLEANUP ONLY):	Mineral Spirits

SURFACE PREPARATION: The surface to be varnished must be dry and free of wax, grease and dirt. Varnish will not dry on a waxed surface. Remove loose and scaling film and dull the gloss on previously varnished surfaces with a light sanding. Remove all dust with a clean cloth dampened with paint thinner and let it dry for a few minutes.

Simco Coatings Inc.
211 Gunther Ln., Belle Chasse, Louisiana 70037 U.S.A.
Tel: (504) 393-9455 Fax: (504) 433-1406 Toll Free: 1-866-95SIMCO
e-mail: sales@simcocoatings.com web: www.simcocoatings.com



Simco Coatings Inc.

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

TT-V-109 (MILVAR-831) **ALKYD RESIN SPAR VARNISH**

APPLICATION: Brush or spray. Apply two or more coats of Milvar-831 Spar Varnish. If using a brush, brush out well to avoid "puddling".

Sealed Surfaces: Apply one or two coats of Milvar-831 Spar Varnish as required.

DRYING TIME: Marine Spar Varnish will dry in four to five hours. It may be recoated in 24 hours under normal conditions. It may be rubbed in 24 hours.

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.

Simco Coatings Inc.

211 Gunther Ln., Belle Chasse, Louisiana 70037 U.S.A.

Tel: (504) 393-9455 Fax: (504) 433-1406 Toll Free: 1-866-95SIMCO

e-mail: sales@simcocoatings.com web: www.simcocoatings.com