



Simco Coatings Inc.

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

TECHNICAL DATA SHEET

(TT-V-119) MILVAR-835 **SPAR VARNISH, PHENOLIC RESIN**

DESCRIPTION: Our Milvar-835 (Conformance: TT-V-119) is a high solids, oil-soluble, pure phenolic-resin based spar varnish of excellent exterior durability and water resistance. It dries to a smooth, lustrous, and transparent finish. It is intended for use as a transparent and aluminized exterior protective finish coating for wood, metal and doped fabric.

CONFORMANCE: This product conforms to TT-V-119 Revision D (the latest Revision).

TECHNICAL DATA

FINISH:	High Gloss
VEHICLE TYPE:	Pure Phenolic Resin, Linseed/Tung oils mixture
SOLVENT TYPE:	Aliphatic Hydrocarbon / Rule 66 Mineral Spirits
FLASH POINT:	104°F (Min.)
SOLIDS BY WEIGHT:	57.00%
SOLIDS BY VOLUME:	50.00%
AVERAGE WEIGHT PER GALLON:	7.40
VISCOACITY FORD CUP #4:	35-45 Sec.
RECOMMENDED DRY FILM THICKNESS (PER COAT):	1.0 – 1.5 Mils
THEORETICAL COVERAGE:	Approx. 800 sq./ft. @ 1.0 mils thickness
AVERAGE DRY TIME @ 75°F:	
(A) SET TO TOUCH, HRS:	2
(B) DRY HARD, HOURS:	6
(C) FREE FROM AFTER TACK, HOURS:	12-24
THINNER FOR CLEANUP ONLY:	Xylene
VOLATILE ORGANIC COMPOUNDS (VOC):	3.20 lbs./gallon (380 g/l)

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 allow to 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

MILVAR-835 **SPAR VARNISH, PHENOLIC RESIN**

APPLICATION:

Brush or spray. Apply two or more coats of Simvar-835 Spar Varnish. If using a brush, brush out well to avoid "puddling"

Sealed Surfaces:

Apply one or two coats of Marine 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