



Simco Coatings Inc.

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

TECHNICAL DATA SHEET

TT-V-51 (MILVAR-840)
ASPHALT VARNISH

DESCRIPTION: Our Milvar-840 (Conformance: TT-V-51) Asphalt Varnish is formulated from specifically designed asphalt tiles such as Gilsonite and treated drying oils. It dries with a smooth, black, lustrous finish (similar to black enamel). The dried film of the Varnish is resistant to water and lubricating oil. The coating is intended to meet all needs for a general utility asphalt varnish, suitable for both outside and inside exposure. It is particularly suited for painting of indoor water and gas pipes.

CONFORMANCE: This product conforms to TT-V-51, Revision F (the latest Revision).

TECHNICAL DATA

COLOR:	Jet-black
FLASH POINT (PENSKEY MARTIN):	107°F
NON-VOLATILE BY WEIGHT (NVW):	40.00% Minimum
NON-VOLATILE BY VOLUME (NVV):	35.00%
DRYING TIME @ 77°F:	
(A) SET TO TOUCH:	Not more than 3 hours
(B) FULL DRY:	Not more than 24 hours
ODOR:	Characteristic Petroleum odor
VISCOSITY @ 77°F (STORMER):	55 ± 5 K.U.
THEORETICAL SPREADING RATE/COVERAGE:	Approx. 140-150 sq. ft. / gal. @ 2.0/mils DFT
WEIGHT PER GALLON @ 77°F:	7.15 - 7.25 lbs.
PACKAGING:	Available in 1 & 5 Gallon Cans
THINNER FOR CLEANUP ONLY:	Mineral Spirits

SURFACE PREPARATIONS:

All surfaces must be clean, dry and free from all loose, rust, scale, paint or oil. For best results abrasive blast SSPC-SP6.

APPLICATION:

Brush, roller, or spray

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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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