



Simco Coatings Inc.

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

TECHNICAL DATA SHEET

MIL-DTL-11195 REV H, TYPE II
VOC COMPLIANT, FAST DRY LUSTERLESS ENAMEL
HAPS FREE AMMUNITION COATING

DESCRIPTION: The coating covered by this specification is a simple component fast drying, lusterless, HAPS free, corrosion inhibiting alkyd enamel for use on primed metal substrates and on ammunition components. It is not intended for use where gasoline resistance is a prime requisite such as automotive equipment.

CONFORMANCE: This product conforms to MIL-DTL-11195 Revision H (the latest Revision). This data sheet can be used for certain previous revisions. Contact us for details.

TECHNICAL DATA

GENERIC TYPE:	Modified drying oil alkyd
COLOR & FINISH:	Fed-STD-595 Colors
FLASH POINT:	81°F
VISCOSITY (Ku):	73-95 Ku
AVERAGE % SOLIDS BY WEIGHT:	72-75 (Depending Upon Color)
AVERAGE % SOLIDS BY VOLUME:	55±1
TOTAL PIGMENTS- % OF NON VOLATILE:	MAX 70%-73% (Depending Upon Color)
EXTENDER PIGMENTS- % TOTAL PIGMENT:	MAX 65%-90% (Depending Upon Color)
ZINC PHOSPHATE, % TOTAL PIGMENT:	MIN. 9.0
PIGMENT: HEXAVALENT CHROMIUM, CADMIUM & CADMIUM COMPOUNDS:	ABSENT
INORGANIC HAP COMPOUNDS:	ABSENT
VOHAP COMPOUNDS:	ABSENT
FINENESS OF GRIND:	MIN. 5
RECOMMENDED DRY FILM THICKNESS (DFT):	1.5-2.0 Mils/Coat
COVERAGE (THEORETICAL):	
@ 2.0 MIL (50 MICRONS) DFT:	Approx. 350 Sq. Ft./Gallon
SPECULAR GLOSS 60 ° :	2-8
DRY TIME @ 75 °F:	
A. SET TO TOUCH:	5 Mins.
B. DRY HARD:	10 Mins.

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VOLATILE ORGANIC CONTENT (VOC): 3.50 lbs./gallon or 420 g/l

SHELF LIFE: 1 Year

SURFACE PREPARATION:

This product is designed to be applied over blasted or primed steel. Ensure that the surface is free from contaminants and completely dry.

METHOD OF APPLICATION:

Can be applied by conventional spray, brush or a roller. Mix the product thoroughly before use.

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 the coverage, performance or any other damages, including injuries resulting from the use of this information or of products recommended herein.

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