

Simco Coatings Inc.

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

TECHNICAL DATA SHEET

MILGUARD-23236 EPOXY POLYAMIDE COATING

DESCRIPTION: Milguard-23236 is a 2-Part Epoxy-Polyamide Based Lead and Chromate Free Coating specifically formulated for application over prepared surfaces subjected to Industrial, Marine, Offshore and other Corrosive Chemical Environment. It is suitable for ballast tanks, decks, topside, superstructure, and underwater hull. It has exceptional corrosion protection for fresh and salt water immersion, has good adhesion to damp surfaces, and is surface tolerant and compatible with water jetted surfaces.

CONFORMANCE: This Product complies with Military Specification MIL-PRF-23236, Rev. D, Type-V, Class 5 & Class 7

TECHNICAL DATA

COLOR & FINISH:

GENERIC TYPE:

% VOLUME SOLIDS (MIXED):

VOLATILE ORGANIC COMPOUNDS

(VOC) MIXED::

PACKAGING:

MIX RATIO:

THEORETICAL SPREADING RATE:

RECOMMENDED FILM THICKNESS:

POT LIFE:

SHELF LIFE:

FLASH POINT (TCC):

REDUCER/CLEAN-UP:

DRY TIME @ 75 °F:

A.) SET TO TOUCH:

B.) TO TOPCOAT:

C.) TO SERVICE:

Off White

Epoxy Resin and Polyamide Curing Agent

68 ± 2%

2.8 Lbs./Gallon & or 340 g/l

1-Gallon Kit & 5-Gallon Kit

4:1 By Volume

Approx. 1080 sq/ft @ 1.0 Mil DFT

4-8 Mils/Ct.

4.5 Hrs. @ 70°F

Min. 24 Months

Base 96°F (36°C)

Hardener 108°F (42°C)

MIL-T-81772 Type II Epoxy Thinner

5-6 Hrs.

10-12 Hrs.

4-5 Days

PACKAGE:

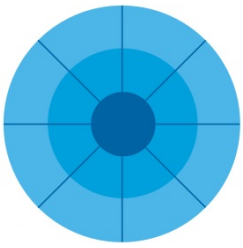
A two component material with base and curing agent supplied in separate packages.
Mix ratio of Base to curing agent is 1:1 by volume

Simco Coatings Inc.

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SURFACE PREPARATIONS:

All surfaces to be coated must be dry and cleaned free of rust, oil, dirt, soil and other contaminants. For general use steel should be blast cleaned to a minimum of commercial grade SSPC SP-6". For severe service and sustained immersion, "Near White" SSPC SP-10 is recommended. For steel and other metals, it is recommended to have a surface profile of 2.0 – 4.0 mil. For best results apply when surface temperature is above 50°F (10°C) and a minimum of 5°F (3°C) above the dew point, and relative humidity is no greater than 85%.

MIXING & INDUCTION TIME REQUIREMENT:

Using the proportion of 1:1 of Component A to Component B, do the following: Agitate Component A by itself with a hand spatula, and then slowly pour in Component B (Hardener/Activator) and mix till mixture is smooth and uniform. At a temperature range of 70°F – 80°F, let mixture stand for 15 - 20 minutes after mixing both components and before application. Colder temperatures will require a longer induction time.

APPLICATION: Spray recommended. Brush or roller may be used with additional thinning required. Care should be taken to achieve required film build. Make sure there is good ventilation during application and curing. Ensure area is protected from airborne particles.

SPRAY: Conventional or Airless Spray. With Airless Spray, it is recommended to use tips with 0.019" to 0.023" orifice is suggested depending on available pressure and job conditions, with nozzle pressure of 2400 - 3000 PSI.

BRUSH/ROLLER: Ensure brushes & rollers are solvent resistant and suitable for solvent based paints. Also make sure brushes / rollers are well loaded to avoid air entrapment.

SAFETY PRECAUTIONS:

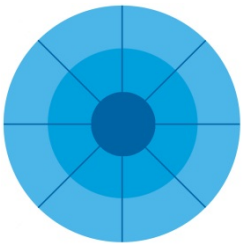
(A) Use normal precautions such as gloves, facemasks. (B) Adequate ventilation must be maintained. (C) Explosion proof lights and electrical equipment. (D) Non-sparking shoes and tools for workers in the area. (E) This product contains flammable materials. Forbid all flames, smoking and welding in the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

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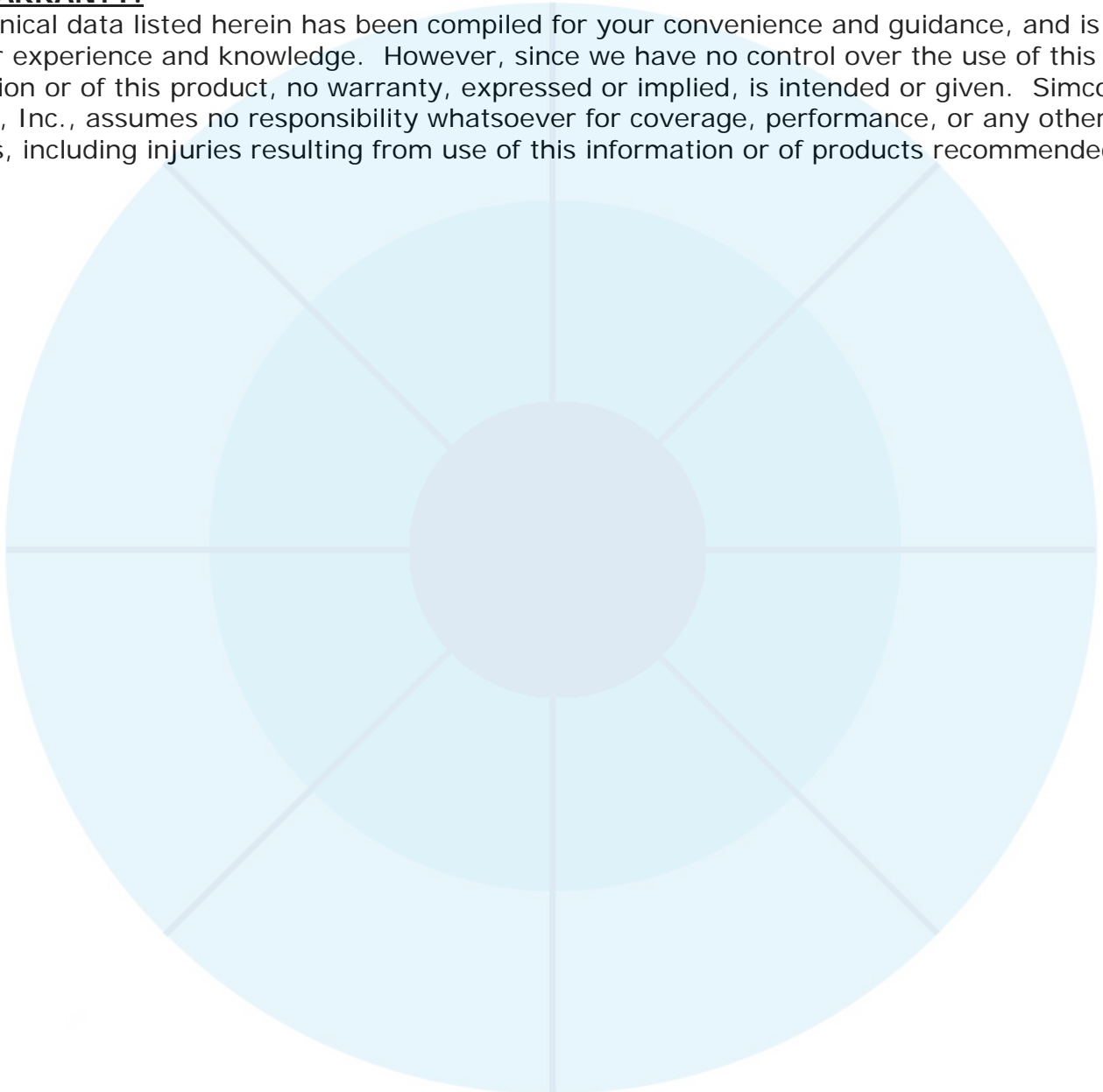
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NON-WARRANTY:

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