



Simco
We've Got You Covered

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TANKGUARD-380 H.S. **HIGH BUILD EPOXY TANK COATING**

Description: Developed for use as a nontoxic, amine cured high solids chemical resistant epoxy tank lining. When fully cured, it provides exceptional resistance to a wide variety of chemicals and solvents and has a hard glossy finish which can be easily cleaned between cargoes. Most cargoes will not penetrate. For better protection, two coats are recommended.

Recommended Uses: As a general protective lining for cargo carrying and ballast tanks. No recommended for immersion in ketones, esters and chlorinated solvents.

Conformance: All ingredients in this product are listed as FDA approved for liquid edibles.

Technical Data

Generic Type:	Amine cured epoxy coating
Color:	White and pastel shades
Flash Point:	60° F
Theoretical Coverage @ 10 mil:	140 sq. ft. / gal.
Mixing Ratio:	4:1 by volume
Solids by Volume:	90.0 ± 1%
Recommended DFT:	5.0 mils per coat
Number of Coats Required:	Two (2)
Drying Time @ 75° F:	
To touch:	5 hours
To topcoat:	16 hours
To full cure:	7 days
Shelf Life:	One year minimum
Recommended Thinner:	R-300 Epoxy Thinner

Application Parameters

Temperature:	50° F Min., 120° F Max.
Relative Humidity:	40% Min., 90% Max.

Application Data:

Apply by airless spray. Use Simco R-300 Epoxy Thinner, not more than 5.0% for thinning the paint. Pot life at 75°F is about 4 hours. Use R-300 Epoxy Thinner for cleaning. Prepare surface by blast cleaning to SSPC Spec. SP-5-63.

Safety Precautions:

- (A) Use normal precautions such as gloves, facemasks.
- (B) Adequate ventilation must be maintained.
- (C) Explosion proof lights & electrical equipment.
- (D) Non-Sparking shoes & 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 or eyes. If product comes in contact with skin or eyes, wash thoroughly with water and obtain 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 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 use of this information or of products recommended herein.