



Protective & Marine Coatings

SEAGUARD VOID COAT WATER BASED BARGE COATING

P31A10

Revised 3/11

PRODUCT INFORMATION

PRODUCT DESCRIPTION

SEAGUARD VOID COAT is a premium grade, single component, water based coating containing no HAPS and very low VOC. The coating is intended to be applied to the interior spaces of fresh and salt water barges. This product contains high PIN (penetration index) asphalt to provide enhanced film flexibility. The product was formulated with the intent to protect the steel plate from corrosion with little or no surface preparation. Loose mil scale should be removed; tightly adhering mil scale does not require removal and will provide a suitable substrate. This product is easily applied via airless spray and is intended to be applied at a wide range of application temperatures and conditions.

PRODUCT CHARACTERISTICS

Finish: Semi-Gloss

Color: Gray

Volume Solids: 56%

Weight Solids: 63%

VOC (less water): 0.1 lb/gal

Theoretical Coverage @ 5 mils dry:
179 sq. feet per gallon (100% transfer efficiency)

Recommended Spreading Rate per coat:

	Minimum	Maximum
Dry mils:	3.0	9.0

Drying Schedule @ 10.0 mils wet @ 50% RH:

	@ 77°F
To touch:	2 hours
To cure:	24 hours

Drying time is temperature, humidity, and film thickness dependent.

Shelf Life:	12 months
Flast Point:	>200°F Setaflash
Reducer/Clean up:	No reduction required Clean up with water

RECOMMENDED USES

- Excellent corrosion protection
- HAPS free
- High film build capability
- Resistant to high temperatures
- Suitable for severe atmospheric corrosion protection
- Little or no pretreatment required
- Resistant to high pressure steam cleaning
- Effective in Salt Water Barges

PERFORMANCE CHARACTERISTICS

Test Name	Test Method	Results
Corrosion Resistance	ASTM B117	Passes (336 hours)
Direct Impact Resistance	ASTM D2794	160 in. lbs.
High Temperature Resistance		Dry film will not flow <450°F
Reverse Impact Resistance	ASTM D2794	20 in. lbs.
Salt Water Immersion	ASTM D870-97	Passes (336 hours)



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RECOMMENDED SYSTEMS

Dry Film Thickness / ct.
Mils

Steel, alkyd primer:

1 ct. Seaguard Void Coat 3.0-9.0

(Airless spray application is recommended using 30:1 ratio or greater with .017 - .037 tip.)

The systems listed above are representative of the product's use, other systems may be appropriate.

CLEAN UP INSTRUCTIONS

Clean spills and spatters immediately with soap and warm water. Clean hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with Mineral Spirits to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using Mineral Spirits.

DISCLAIMER

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative to obtain the most recent Product Data Information and Application Bulletin.

SURFACE PREPARATION

Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion.

This product is thixotropic similar to ketchup, mixing may be required to provide optimum flow characteristics. If the product has been exposed to extremely cold temperatures, mixing may be necessary to restore product to a flowable liquid. Mixing is recommended prior to use.

TINTING

Tinting not recommended.

APPLICATION CONDITIONS

Temperature:
air and surface: 65°F minimum, 90°F maximum
(material)

Relative humidity: At least 5°F above dew point

ORDERING INFORMATION

Packaging: 5, 55, and 330 gallon containers

Weight per gallon: 10.4 ± 0.2 lb

SAFETY PRECAUTIONS

- Refer to the MSDS sheet before use.
- Protect from freezing
- Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

FOR INDUSTRIAL USE ONLY

WARRANTY

The Sherwin-Williams Company warrants our products to be free of manufacturing defects in accord with applicable Sherwin-Williams quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by Sherwin-Williams. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY SHERWIN-WILLIAMS, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.