SEAGUARD® 1050 VOIDCOAT is a premium grade, single component, water based coating. The coating is intended to be applied to the interior void spaces of fresh and salt water barges. Seaguard 1050 Voidcoat's unique physical structure makes it ideal for the tight scale and tight rust conditions normally found on the inner structures of barges and other marine structures.

Seaguard 1050 Voidcoat forms a resilient, non-tacky protective film that will not peel or crack. Its excellent adhesion and resistance to moisture migration provides maximum protection over the minimally prepared steel found in barge voids and other hard to reach areas. Contains in-can preservative/biocide.

**PRODUCT CHARACTERISTICS**

**Finish:** Flat  
**Color:** Gray and Red  
**Volume Solids:** 52% ± 2%  
**Weight Solids:** 60% ± 2%  
**VOC (less water)***: <12 g/L; <0.1 lb/gal  
*U.S. EPA / Canada, California, and SCAQMD

**Theoretical Coverage @ 5.0 mils dry:**  
164 sq. feet per gallon (100% transfer efficiency)

**Recommended Spreading Rate per coat:**  
<table>
<thead>
<tr>
<th>Minimum</th>
<th>Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.0</td>
<td>8.0</td>
</tr>
</tbody>
</table>

**Drying Schedule* @ 10.0 mils wet @ 50% RH:**  
- @ 70°F  
  - To touch: 2 hours  
  - To cure: 12-16 hours  

*This product is intended for use in areas which may not have adequate ventilation to achieve complete curing. Every effort should be made to provide air movement and ventilation to achieve drying and curing in accordance with drying schedule. **Drying time is temperature, humidity, and film thickness dependent.**

**Recommened Uses**

- Excellent corrosion protection  
- 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

**Test Name**  
**Test Method**  
**Results**

<table>
<thead>
<tr>
<th>Corrosion Resistance</th>
<th>ASTM B117</th>
<th>Passes (504 hours)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct Impact Resistance</td>
<td>ASTM 2794</td>
<td>&gt;160 in-lbs.</td>
</tr>
</tbody>
</table>
| Heat Resistance | Method A ASTM 2485 | Passed 1/2" mandrel bend  
  *At 275°F  
  Passed 'plunge' testing with no cracking, blisters, dulling & delamination  
  *At 350°F  
| Reverse Impact Resistance | ASTM 2794 | >120 in-lbs. |
| Salt Water Immersion | ASTM D870-97 | Passes (504 hours) |

**Performance Characteristics**

**Shelf Life:** 12 months  
**Flash Point:** >212°F Setaflash  
**Reducer/Clean up:** No reduction required  
Clean up with water
**Recommended Systems**

<table>
<thead>
<tr>
<th>Steel:</th>
<th>Dry Film Thickness / ct. Mils</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 ct. Seaguard 1050 Voidcoat</td>
<td>4.0-8.0</td>
</tr>
</tbody>
</table>

(Airless spray application is recommended using 30:1 ratio or greater with .021-.023 tip.)

**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.

Seaguard 1050 Voidcoat can be applied over light, tight rust and/or tightly adherent mill scale.

Level of protection and overall service life is dependent on the condition of the rust and mill scale remaining on the surface when coated.

Thorough mixing is recommended to ensure material is homogeneous and to provide optimum flow characteristics.

**Tinting**

Tinting not recommended.

**Application Conditions**

- **Temperature:**
  - Air and surface: 50°F minimum, 90°F maximum (material)
- **Relative humidity:** At least 5°F above dew point

**Ordering Information**

- **Packaging:** 5 gallon pails and drums
- **Weight:** 11.50 ± 0.2 lb/gal

**Safety Precautions**

- Refer to the SDS 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, EXPRESS OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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