**PRODUCT DESCRIPTION**

NOVA-PLATE UHS is a solvent free, edge retentive epoxy novolac with proven long term performance as a lining for bulk storage tanks, pipe internals and secondary containment where a higher degree of resistance is needed.

**INTENDED USES**

An API 652 compliant (thin and thick film) lining for the internal protection of bulk storage tanks, vessels and pipes for the storage and processing of crude oil (at elevated temperatures), refined petrochemicals and solvents (including methanol). Superior build and pit-filling capabilities makes this lining suitable for new construction and maintenance.

**PRODUCT DATA**

**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.

**Minimum recommended surface preparation:**

  Immersion: SSPC-SP10/NACE 2, 2-3 mil (50-75 micron) profile or SSPC-SP12/NACE No. 5, WJ-2/NV-2 (marine exterior hull only)

- **Concrete & Masonry:** Atmospheric: SSPC-SP13/NACE 6, or ICRI No. 310.2R CSP 2-3
  Immersion: SSPC-SP13/NACE 6-4.3.1 or 4.3.2, or ICRI No. 310.2R CSP 2-3

**Ref: 1304-1**

www.sherwin-williams.com/protective
### APPLICATION

<table>
<thead>
<tr>
<th>Method</th>
<th>Equipment/Conditions</th>
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</thead>
<tbody>
<tr>
<td><strong>Airless Spray</strong></td>
<td>Unit: 68:1 pump, minimum Pressure: 6000 psi minimum (413 bar) Hose: 3/8&quot; ID (9.5 mm) Tip: 0.019&quot;-.021&quot; (0.48-0.53 mm) Filter: 30 mesh</td>
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</tbody>
</table>

In order to avoid blockage of airless spray equipment and hose, flush equipment at least once every hour and before periods of extended downtime with M.E.K. or Reducer #104.

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<tr>
<td><strong>Plural Component Equipment</strong></td>
<td>Unit: WIWA Model 333 or equal Pressure: 4000 psi minimum (275 bar) Hose: 3/8&quot; ID (9.5 mm) Tip: 0.017&quot;-.019&quot; (0.43-0.48 mm) Fluid Temperature at tip: 90°F-95°F (32°C-35°C)</td>
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</tbody>
</table>

### APPLICATION CONDITIONS

- **Temperature (air & surface):** 50°F (10°C) minimum, 110°F (43°C) maximum At least 5°F (2.8°C) above dew point
- **Material should be:** 77°F (25°C) to 100°F (38°C) for optimal performance.
- **Relative humidity:** 85% maximum

### RECOMMENDED SYSTEMS

<table>
<thead>
<tr>
<th>Dry Film Thickness / ct.</th>
<th>Mils</th>
<th>Microns</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steel, Immersion &amp; Atmospheric 2 Cts. Nova-Plate UHS</td>
<td>10.0-12.0</td>
<td>250-300</td>
</tr>
<tr>
<td>Steel, Immersion &amp; Atmospheric 1 Ct. Nova-Plate UHS</td>
<td>15.0-35.0</td>
<td>375-875</td>
</tr>
</tbody>
</table>

### APPROVALS

- Meets MIL-PRF-23236, Type VII, Class 5, 7, 13 and 19, Grade C

### ADDITIONAL NOTES

- Do not tint Part A. Hardeners may be tinted with up to 1-1/2 oz per gallon with Maxitoner Colorants.
- Stripe coat all crevices, welds, and sharp angles to prevent early failure in these areas.
- Do not mix previously catalyzed material with new.
- Blue OAP contains fluorescent pigment.
- Guidance on techniques and required equipment to inspect a coating system incorporating Opti-Check OAP Technology can be found in SSPC-TU 11.
- May be applied up to 60.0 mils (1500 microns) dft in one coat if required.

### 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.

### Health and Safety

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

### 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 Sheet.