**DESCRIPTION**

Macrylex S26 is a 100% reactive, medium viscosity methyl methacrylate resin developed as a sealer/topcoat over various MMA systems utilizing one or more body coat combinations of Macrylex B18, Macrylex FR and also directly over Macrylex Primer as a high builds coating system. Macrylex S26 is a chemical resistant coating specifically designed for food and beverage plants, dairies and areas having constantly wet surfaces with food and fat combination. It is suitable for use in numerous other applications, both indoors and outdoors.

**ADVANTAGES**

- Rapid cure with short recoat time (60 min)
- Suitable for USDA food handling areas
- UV resistant, Non-chalking
- Good leveling and flow characteristics
- VOC Compliant, Meets USGBC LEED Requirements
- Use over wide temperature range – even below freezing temperature

**SUBSTRATE REQUIREMENTS**

- The substrate must be dry, free of dirt, waxes, curing agents and other foreign materials
- Do not store outside in direct sunlight, storage temperature must be less than 80°F
- Maintain coating thickness at 10-20 mils to minimize yellowness and possible micro cracking
- On or below grade installation must have an efficient vapor barrier under the slab (min 10-15 mil)
- Moisture vapor transmission must be less than 3lb per ASTM F1869 and less than 80% RH per ASTM F2170 unless Düraamen moisture mitigation system used
- The odor must be contained and/or ventilated with negative air flow as necessary
- Small enclosed spaces require proper negative air flow ventilation to ensure proper curing.
- MMA odor must be contained and/or ventilated with negative air flow as necessary

**COMPOSITION**

Macrylex S26 is a 100% reactive methyl methacrylate resin.
1/2 oz by volume per gallon of resin at 39°F to 32°F, up to 2.0 oz by volume of hardener used at the 40°F or 30°F level. As a rule of thumb, add Temperature Accelerator must be used in addition to the amount Macrylex CTA: At temperatures below 40°F, Macrylex CTA, Cold party for any loss, cost expense, damage or liability, whether direct or indirect, or for incidental or consequential damages. The obligations expressly undertaken above and Duraamen shall have no liability or responsibility to the purchaser or any third party for any loss, cost expense, damage or liability, whether direct or indirect, or for incidental or consequential damages.

**Clean up**

Clean tools and equipment with Macrylex 01 Monomer, lacquer thinner or MEK. Consult MSDS for safety and health precautions.

**Maintenance**

Macrylex S26 considered to be a low maintenance flooring solution. Certain textures and environment however require specific cleaning with bristled bristles. Due to the thermoplastic character of MMA resins, black marks can occur from forklifts and tires skidding.

**Availability**

Duraamen Products are available throughout United States and also Worldwide. Please contact us info@duraamen.com or visit www.duraamen.com for latest information.

**Storage**

Store in a cold and dry place, below 80°F, out of direct sunlight. Do not store near open flame or food. Shelf life is 6 months in the original unopened containers. After extended storage additives and fillers may separate. It should be inspected for any visible signs of settlement, polymerization, or paraffin coagulation (clumps, strands). Thoroughly mix pails or drums (use a drum mixer, do not rely on rolling the drum on the floor) and pour into new containers to inspect resin before use.

**Helpful Hints**

Adequate cross ventilation should be provided. Good ventilation during the processing ensures a good cross linking and hardening. Read, understand and follow SDS instructions prior to use. Use only as directed. If the substrate and/or material temperatures above 90°F, DO NOT APPLY the material, DO NOT apply material unless prepared for very short working time and possible roller marks, etc.

**Physical Properties**

<table>
<thead>
<tr>
<th>Percent reactive</th>
<th>100%</th>
</tr>
</thead>
<tbody>
<tr>
<td>VOC</td>
<td>&lt;50g/L</td>
</tr>
<tr>
<td>Working Life, 50-70°F</td>
<td>14-75 minutes</td>
</tr>
<tr>
<td>Recoat time</td>
<td>30-80 minutes</td>
</tr>
<tr>
<td>Viscosity @ 75°F</td>
<td>380-390 cps</td>
</tr>
<tr>
<td>Weight per gallon</td>
<td>8.3lbs</td>
</tr>
<tr>
<td>Heat resistance, dry heat</td>
<td>216°F</td>
</tr>
<tr>
<td>Shore D Hardness</td>
<td>65-70</td>
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**Warranty**

Information regarding Duraamen products is based upon extensive research provided by the supplier of the raw materials. By making such information available, Duraamen Engineered Products Inc. does not assume any liability beyond express terms of our standard limited material warranty. Duraamen Engineered Products does not warrant the accuracy or completeness of any such information, whether conveyed orally or in writing, but to the best of our knowledge believe it to be accurate. We reserve the right at any time and without notice to update or improve our products and process for the intended use or application. Duraamen Engineered Products (Duraamen) warrants for a period of one (1) year that its products will be free of manufacturing defects and will be in conformity with published specifications when handled, stored, mixed and applied in accordance with recommendations of Duraamen. If any product fails to meet this warranty, the liability of Duraamen will be limited to replacement of any non-conforming material if notice of such non-conformity is given to Duraamen within 1 (one) year of delivery of materials. Duraamen may in its discretion refund the price received by Duraamen in lieu of replacing the material. No customer, distributor, or representative of Duraamen is authorized to change or modify the published specifications of this warranty in anyway. In order to obtain replacement or refund the customer must provide written notice containing full details of the non-conformity. Duraamen reserves the right to inspect the non-conforming material prior to replacement except for the expressed warranty stated above, there are no other warranties, expressed or implied, including without limitation, any implied warranty of merchantability or fitness for purpose. Duraamen’s obligation shall not extend beyond the obligations expressly undertaken above and Duraamen shall have no liability or responsibility to the purchaser or any third party for any loss, cost expense, damage or liability, whether direct or indirect, or for incidental or consequential damages.

* Do not use less than 2 oz of Macrylex Hardener by volume unless confirmed by on-site testing.

**Important Note:** Yellowing of the resin will occur with excessive thickness or higher amounts of hardener, beginning in the range of 3-4 oz. It is advised to use lower amounts and allow extra cure time, particularly with clear resin or very light colors.

Macrylex CTA: At temperatures below 40°F, Macrylex CTA, Cold Temperature Accelerator must be used in addition to the amount of hardener used at the 40°F or 30°F level. As a rule of thumb, add 1/2 oz by volume per gallon of resin at 39°F to 32°F, up to 2.0 oz by volume per gallon at 20°F: increasing the quantity gradually in a consistent linear progression as the temperature decreases.

**Important Note:** Macrylex CTA MUST be added to the Resin and thoroughly blended BEFORE adding Macrylex Hardener, or hazardous decomposition may occur (violent foaming). Macrylex CTA will cause yellowing of the resin. Therefore, it is advised to use pigmented Macrylex resins to reduce the appearance of yellowing.

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