Super Satin Clear Kit

290 228SP

This Super Satin Clear Kit is a two-component, 1.24 ready-to-spray VOC compliant, fluoropolymer clear, which was developed to provide extended performance under the toughest conditions.

Super Satin Clear is formulated with an excellent UV screening package that ensures protection of the color and substrate underneath or as a stand-alone clear coat.

Super Satin Clear is designed for topcoat applications to protect color coated substrate components, vinyl graphics or to highlight architectural metals, while providing extreme durability and protection.

Shown with 283 920SP Super Satin Catalyst 7.42 fl oz. and 290 228SP Super Satin Clear gallon. Also available are the 283 920SP Super Satin Catalyst 1.86 fl oz. and 290 228SP Super Satin Clear quart.

Features:
- Exceptional Gloss Retention
- Outstanding Protection
- Extended Life Cycle
- Easy Application
- Low VOC
- Four Times Better Performance Than Standard Clear Coats
- Dirt-Shedding Surface

Benefits:
- Durable, Uniform, Like-New Appearance
- Excellent Resistance to Chalking, Weathering, Marring and Abrasion
- Superior UV Resistance
- Lengthens Application Life and Reduces Maintenance Costs
- Outstanding Graffiti Resistance

Compatible Surfaces:

290 228SP Super Satin Clear can be applied over:
All MAP®, SVOC, MAP-LVS, MAP-LVG
74 777SP Tie Bond
74 793SP Spray Bond

Required Products:

283 920SP  Super Satin Catalyst

2.8 VOC Reducers

- 6370SP  Exempt Cool Temperature, 60 - 75°F (16 - 24°C)
- 6371SP  Exempt Warm Temperature, 70 - 85°F (21 - 29°C)
- 6372SP  Exempt Hot Temperature, 80°F (27°C) & above

3.5 VOC Reducers

- 6300SP  Cool Temperature, 60 - 75°F (16 - 24°C)
- 6301SP  Warm Temperature, 70 - 85°F (21 - 29°C)
- 6302SP  Hot Temperature, 80°F (27°C) & above

Conventional Reducers can be used but will not be compliant in most heavily regulated areas.
**Directions for Use**

**Surface Preparation:**
Substrate should be prepared according to product instructions prior to clearcoat application.

**Mix Ratio:**
Kit Mix Ratios (by volume). Using this entire kit at one time is recommended.

<table>
<thead>
<tr>
<th>Clear</th>
<th>Catalyst</th>
<th>Appropriate 2.8 or 3.5 VOC Reducer</th>
</tr>
</thead>
<tbody>
<tr>
<td>16.2 parts</td>
<td>1 part</td>
<td>3 parts</td>
</tr>
</tbody>
</table>

Pot life is 4 hours at 77°F (25°C)

**Reducers:**

**Exempt MAP Reducers** (2.8 VOC):
- 6370SP Exempt Cool Temperature, 60 - 75°F (16 - 24°C)
- 6371SP Exempt Warm Temperature, 70 - 85°F (21 - 29°C)
- 6372SP Exempt Hot Temperature, 80°F (27°C) & above

**Low VOC MAP Reducers** (3.5 VOC):
- 6300SP Cool Temperature, 60 - 75°F (16 - 24°C)
- 6301SP Warm Temperature, 70 - 85°F (21 - 29°C)
- 6302SP Hot Temperature, 80°F (27°C) & above

**Spray Set Up:**

Air Pressure:
- Conventional: 40 - 50 psi at the gun
- HVLP: 10 psi at the cap
- Pot Pressure: 15 - 18 psi

Gun Set Up:
- Siphon Feed: 1.4 mm 0.055 fluid tip
- HVLP: 1.4 mm 0.055 fluid tip
- Pressure Pot: 1.2 mm 0.046 fluid tip

**Application:**

Apply:
- 1 full wet coat
- Flash 5 - 10 minutes between coats
- Follow with a second full wet coat

**Recommended**
- Wet Film Thickness: 5.1 - 7.5 mils
- Dry Film Thickness: 1.5 - 2.2 mils

**Caution:** All 2-component crosslinking stops or slows significantly at temperatures below 60°F or 16°C. Never spray or subject freshly painted coatings to these conditions or loss of gloss, poor water and chemical resistance, decreased durability and improper curing will occur.

**Drying Times:**

**Dry Times at 77°F (25°C)**
- Dry to Touch: 1 - 2 hours
- Dry to Handle: 10 - 12 hours
- Dry to Recoat: 4 hours
Directions for Use

Equipment Cleaning:

Clean equipment promptly with an all-purpose clean up solvent or any compliant general cleaner.
Do not leave mixed material in equipment.

Technical Data:

<table>
<thead>
<tr>
<th></th>
<th>In Can</th>
<th>RTS VOC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exempt Reducers VOC Information</td>
<td></td>
<td>16.2:1:3</td>
</tr>
<tr>
<td>290 228SP Super Satin Clear</td>
<td>1.29</td>
<td></td>
</tr>
<tr>
<td>283 920SP Catalyst</td>
<td>0.94</td>
<td></td>
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<tr>
<td>6370SP, 6371SP, 6372SP Exempt Reducers</td>
<td>0.00</td>
<td>1.24</td>
</tr>
<tr>
<td></td>
<td>0.00</td>
<td>1.24</td>
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<tr>
<td></td>
<td>0.00</td>
<td>1.24</td>
</tr>
<tr>
<td>Low VOC Reducers VOC Information</td>
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<td></td>
</tr>
<tr>
<td>290 228SP Super Satin Clear (w/6301SP)</td>
<td>2.11</td>
<td></td>
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<tr>
<td>283 920SP Catalyst</td>
<td>0.94</td>
<td></td>
</tr>
<tr>
<td>6300SP, 6301SP or 6302SP Reducer</td>
<td>6.32</td>
<td>2.11</td>
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<tr>
<td></td>
<td>6.35</td>
<td>2.11</td>
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<tr>
<td></td>
<td>6.41</td>
<td>2.12</td>
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<tr>
<td>With Conventional Reducers</td>
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<td></td>
</tr>
<tr>
<td>45280:</td>
<td>7.12</td>
<td>2.95</td>
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<tr>
<td>45290:</td>
<td>7.12</td>
<td>2.95</td>
</tr>
<tr>
<td>6379:</td>
<td>6.91</td>
<td>2.89</td>
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<tr>
<td>6396:</td>
<td>7.04</td>
<td>2.93</td>
</tr>
<tr>
<td>Performance Characteristics</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Volume solids (RTS)</td>
<td>29.93%</td>
<td></td>
</tr>
<tr>
<td>Weight solids (RTS)</td>
<td>32.79%</td>
<td></td>
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<tr>
<td>Theoretical Coverage</td>
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<td>429.1 sq.ft./RTS gal.</td>
</tr>
<tr>
<td>(1.0 mil @ 100% transfer efficiency)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Application Conditions</td>
<td></td>
<td>60°F (16°C) minimum</td>
</tr>
<tr>
<td></td>
<td></td>
<td>100°F (38°C) maximum</td>
</tr>
<tr>
<td>Relative Humidity</td>
<td></td>
<td>85% maximum</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5° above dew point</td>
</tr>
<tr>
<td>Gloss</td>
<td></td>
<td>30 units w/60° meter</td>
</tr>
<tr>
<td>Flash Point (Tag closed cup)</td>
<td></td>
<td>Below 100°F (27°C)</td>
</tr>
</tbody>
</table>
Important:

The contents of this package may have to be blended with other components before the product can be used. Before opening the packages, be sure you understand the warning messages on the labels of all components, since the mixture will have the hazards of all its parts. Improper spray technique may result in a hazardous condition. Follow spray equipment manufacturer’s instructions to prevent personal injury or fire. Follow directions for respirator use. Wear eye and skin protection. Observe all applicable precautions.

See Material Safety Data Sheet and Labels for additional safety information and handling instructions.

EMERGENCY MEDICAL OR SPILL CONTROL INFORMATION - US (412) 434-4515; CANADA (514) 645-1320;
MEXICO 01-800-00-21-400

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