Spray Bond Adhesive

MPC198

274 793SP



Matthews 274 793SP Spray Bond is a single component spray applied adhesive designed to provide excellent adhesion over hard-to-adhere-to metals. It is a paint adhesive rather than a primer and will accept any of the Matthews topcoats. Spray Bond is water clear in color, which makes it an excellent choice as an adhesion promoter when applying MAP® Clear finishes to protect and highlight underlying metals.

Features

- Universal
- Water Clear
- Single Component

Benefits

- Can be topcoated with most Matthews clear finishes
- Can be used as an adhesion promoter when applying clear coats to metals
- No potlife

Compatible Surfaces

274 793SP Spray Bond may be applied over:

- Polished or Brushed Aluminum
- Brass, Bronze or other alloy metals
- Copper

Note: Spray Bond is not intended as a corrosion inhibiting coating and will not protect metals from rust or other forms of oxidation breakdown. When clearcoating polished metals, use Braco Clear (see MPC173 Technical Bulletin).

Warning: Spray Bond should be applied to metal surfaces only and is not recommended over plastics, wood, primers or topcoats.

Directions For Use

Surface Preparation:

- Wipe/clean substrate using 45 330SP Speed Prep Cleaner. Refer to MPC111 Technical Bulletin.
- Remove any residue with clean, lint-free cloth and wipe dry.
- All surfaces must be free of oil, grease or any other contaminants prior to coating.

Mix Ratios (by volume):

Ready to spray in can - needs no further reduction.
Spray Bond is a single component product that does not require the addition of an activator or catalyst.
Strain material before using.

Additives:

None Recommended.

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Product Information Effective 06/15
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Directions For Use (Continued)



Spray Set Up:

Air Pressure

Conventional	40-50 lbs. psi at the gun
HVLP	10 psi at cap
Pot Pressure	15-18 psi

Gun Set Up

Siphon Feed	1.3 mm 0.050 fluid tip
HVLP	1.3 mm 0.050 fluid tip
Pot Pressure	1.2 mm 0.046 fluid tip



Application:

- Apply 2-3 medium wet coats
- Flash 5-10 minutes between coats

Warning: Chamfer or knock-down all sharp edges.



Drying Times:

Note: Spray Bond is not a finish coat and should be topcoated within 30 minutes after application.

Air Dry (50% relative humidity, 70°F / 21°C):

Tack Free	10-15 minutes
To Topcoat	15 minutes minimum, 30 minutes maximum

Compatible Topcoats:

MAP® Colors & Clears, SVOC MAP® Colors & Clears, MAP® Ultra Low VOC Satin & Gloss

Equipment Cleaning:

- Clean up equipment promptly with an all-purpose cleanup solvent.
- Do not leave mixed material in equipment.

Technical Data:

VOC Information

274 793SP Spray Bond	0
Ready to Spray	0

Performance Characteristics

Solids by Weight	2.9%
Volume Solids	2.6%
Theoretical Coverage (0.15-0.25 mil @ 100% transfer efficiency)	41.7 sq.ft./RTS gal.
Application Conditions	60°F (16°C) Minimum 100°F (38°C) Maximum
Relative Humidity	85% Maximum 5° above dew point
Flash Point (Tag closed cup)	45°F (12°C)

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
Materials described are designed for application by professional, trained personnel using proper equipment and are not intended for sale to the general public. Products mentioned may be hazardous and should only be used according to directions, while observing precautions and warning statements listed on label. Statements and methods described are based upon the best information and practices known to Matthews Paint. Procedures for applications mentioned are suggestions only and are not to be construed as representations or warranties as to performance, results, or fitness for any intended use, nor does Matthews Paint warrant freedom from patent infringement in the use of any formula or process set forth herein. If you require technical assistance, please call us toll-free 800/323-6593.