



2-IN-1 SEAM SEALER

TECHNICAL DATA SHEET



Check local VOC regulations to ensure compliance of all products in your area.

DESCRIPTION

2-IN-1 Seam Sealer is a beadable and sprayable, high performance, one-component MSP seam sealer for interior or exterior seams and OEM sprayed sound-dampening pads.

FEATURES

- OEM recommended
- Optimized viscosity for beading, spraying or brushing
- Direct to metal
- Paintable immediately with most solvent-based coatings
- Permanently flexible without shrinking, cracking or peeling
- Colors matched to OEM seam sealers
- Weather and corrosion resistant
- Resistance weldable (STRSW)
- UV stable, non-yellowing formula
- Contains no solvents or isocyanates
- Excellent adhesion to many substrates

SUITABLE SUBSTRATES - PROPERLY PREPPED

- Primed or painted surfaces
- Aluminum
- Steel
- Fiberglass
- SMC
- Glass
- Concrete
- Wood
- Plastic

TYPICAL PROPERTIES

Part:	Product Name:	Color:	Container:
29462	2-IN-1 Seam Sealer	White	9.5 oz. Tube
29472	2-IN-1 Seam Sealer	Gray	9.5 oz. Tube
29482	2-IN-1 Seam Sealer	Beige	9.5 oz. Tube
29492	2-IN-1 Seam Sealer	Black	9.5 oz. Tube



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Working Time:	20 – 40 minutes @ 70°F (21°C)
Set Time:	1 hour @ 70°F (21°C)
Paint Time (Solvent)	0-24 hours @70°F (21°C)
Paint Time (Waterborne)	1 hour @ 70°F (21°C)
Cure Time:	4mm/24 hours @ 70°F (21°C)/50% HR
Sag:	Non-sagging
Tensile Strength:	170psi
Lap Shear:	250psi
Elongation:	500%
Service Temp Range:	-40 to 200°F (-40 to 93°C)
Max Temp for Short Period:	350°F (176°C)
Shore A:	25-30
Corrosive Properties:	Non-corrosive
Staining:	Non-staining

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HANDLING AND APPLICATION

PREPARATION:

Note: Prior to applying **2-IN-1 Seam Sealer**, substrate temperature should be 70°F (21°C) for at least one hour.

PRIMED OR PAINTED SURFACES, ALUMINUM AND STEEL

1. Clean repair area thoroughly with **SEM Solve** or **XXX Universal Surface Cleaner**.
2. Mask as necessary to protect from overspray or to duplicate OEM seam.
3. Sand surface with P180 grit sandpaper or scuff with a red scuff pad.
4. Blow off and then tack clean to remove lint and dust.
5. Re-clean with **SEM Solve** or **XXX Universal Surface Cleaner**.

FIBERGLASS AND SMC

1. Clean with **SEM Solve** or **XXX Universal Surface Cleaner**. Surface must be completely dry; avoid saturating panel with cleaner.
2. Mask as necessary to protect from overspray or to duplicate OEM seam.
3. Sand surface with P180 grit sandpaper or scuff with a red scuff pad.
4. Blow off and then tack clean to remove lint and dust.



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GLASS

1. Surface must be clean, dry and free of any contaminants.

CONCRETE

1. Pressure wash surface first and allow to fully dry.

WOOD

1. Pressure wash surface first and allow to fully dry.
2. Sand surface with P180 grit sandpaper.
3. Blow off and then tack clean to remove lint and dust.

Note: Treated wood may interfere with adhesion.

PLASTIC

1. Clean repair area thoroughly with **Plastic & Leather Prep**, **SEM Solve** or **XXX Universal Surface Cleaner**.
2. Mask as necessary to protect from overspray or to duplicate OEM seam.
3. Sand surface with P180 grit sandpaper or scuff with a red scuff pad.
4. Blow off and then tack clean to remove lint and dust.
5. Re-clean with **Plastic & Leather Prep**, **SEM Solve** or **XXX Universal Surface Cleaner**, only if necessary.

IMPORTANT: Due to the variety of substrates and top coats that **2-IN-1 Seam Sealer** can be used with, it is always recommended to test for adhesion and compatibility before applying the product.

APPLICATION:

BEADING

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1. Cut the top of the threaded neck off and puncture the foil liner.
 2. Place cartridge into manual applicator or **1K Pneumatic Applicator**.

Note: If using a pneumatic applicator, manually prime tube first by dispensing enough product to dislodge piston in back of tube.

3. Apply **2-IN-1 Seam Sealer** into joint or seam. Work in or finish with a gloved finger, acid brush, putty knife, or spreader to match OEM texture.

Note: While product is still wet, a small amount of **SEM Solve** or solvent compliant with VOC regulations in your area can be used to help smooth the surface when using a gloved finger to remove excess product. When using solvent, do not over saturate the **2-IN-1 Seam Sealer**.

5. Remove masking while product is still wet.



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SPRAYING

1. Cut the top of the threaded neck off and puncture the foil liner.
2. Manually prime tube by dispensing enough product to dislodge the piston in back of tube.
3. Place tube into **1K Sprayable Seam Sealer Applicator**.
4. Screw on applicator barrel until fully tightened.
5. Adjust inlet pressure to 50 – 60 psi.
6. Adjust material feed and cap air pressure to desired texture.
7. Remove masking while product is still wet.

Note: Special tips are available for use with **2-IN-1 Seam Sealer** to aid in duplication of OEM seams. See Related Products section below for part numbers.

Note: **2-IN-1 Seam Sealer** can be painted immediately with most solvent-based coatings, or up to 24 hours without scuffing. If in doubt, scuff with a gray scuff pad prior to painting.



Note: **2-IN-1 Seam Sealer** should not be used directly over acid-based self-etching primers or vice versa. This application procedure can cause cracking and blistering of the undercoat and top coat.

STORAGE:

2-IN-1 Seam Sealer should be stored in a cool, dry place with adequate ventilation, away from heat, sparks and flames. The shelf life for **2-IN-1 Seam Sealer** is 18 months when stored under normal conditions.

RELATED PRODUCTS:

Part:	Product Name:	Size:
29312	1K Doorskin Nozzles	6 Pack
29322	1K Extrusion Nozzles	6 Pack
29412	ORBiT™	6 Pack
29422	SHFT™	6 Pack
29342	1K Pneumatic Applicator	Each
29442	1K Sprayable Seam Sealer Applicator	Each
38351	Plastic & Leather Prep	Gallon
38353	Plastic & Leather Prep	16 oz. Aerosol
38354	Plastic & Leather Prep	Quart
38371	SEM Solve	Gallon
38373	SEM Solve	20 oz. Aerosol
38374	SEM Solve	Quart
38375	SEM Solve	5 Gallons
77771	XXX Universal Surface Cleaner	Gallon
77774	XXX Universal Surface Cleaner	Quart



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Technical Consultation Service

Our Technical Staff is ready to assist you with any questions. You are invited to take advantage of our extensive experience, laboratory services and trained field service representatives. Call (800) 831-1122 for answers to your questions. Hours of operation are Monday through Thursday 8:00 am until 5:00 pm EST and on Friday 8:00 am until 4:30 pm EST.

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