



# HEAVY BODIED BLACK SEAM SEALER

## TECHNICAL DATA SHEET



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

### DESCRIPTION

**Heavy Bodied Black Seam Sealer** is a high viscosity, two component epoxy for use on interior or exterior seams, joints and voids.

### FEATURES

- Direct to metal
- Paintable immediately with most solvent-based coatings
- Holds tooling marks throughout working time
- Non-sag formula
- Black color matches many OEM sealers
- Remains flexible without shrinking or cracking
- Sprayable for additional versatility

### SUITABLE SUBSTRATES

- Bare Metal
- OEM Finish
- Epoxy Primer
- DTM Urethane Primer

### TYPICAL PROPERTIES

Part:	Product Name:	Color:	Container:
40377	Heavy Bodied Black Seam Sealer	Black	7 oz. Cartridge
Working time:		10 minutes @ 70°F (21°C)	
Set time:		15 minutes @ 70°F (21°C)	
Top Coat time with most solvent-based coatings:		0 minutes @ 70°F (21°C)	
Top Coat time with most waterborne coatings:		15 minutes @ 70°F (21°C)	
Cure time:		1 hour @ 70°F (21°C)	

### HANDLING AND APPLICATION

#### PREPARATION:

##### Note:

Prior to applying **Heavy Bodied Black Seam Sealer** vehicle temperature should be 70°F (21°C) for at least one hour.



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1. Clean joints and seams thoroughly with **SEM Solve** or **Zero VOC Surface Cleaner**.
2. Sand primed surface with 400 grit sand paper or scuff with a gray scuff pad. Sand bare metal surface with 80 grit sand paper.
3. Blow off and tack clean to remove lint and dust.
4. Re-clean with **SEM Solve** or **Zero VOC Surface Cleaner**.

**Heavy Bodied Black Seam Sealer** may be applied directly to properly prepped bare metal or primed surfaces. However; if the area will be subjected to any flexing or twisting, including certain vehicle manufacturers roof skins, prime the area first with a quality, two-component urethane or epoxy primer such as **World Class™ DTM Primer** before applying **Heavy Bodied Black Seam Sealer**. If in doubt, prime. Allow primer to fully cure before applying **Heavy Bodied Black Seam Sealer**.

**Note:**

**Heavy Bodied Black 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.

**Heavy Bodied Black Seam Sealer** is paintable immediately with most solvent-based coatings, however, always test for compatibility.

## MIXING:

1. Place cartridge into **Universal Manual Applicator** or **Universal Pneumatic Applicator**.
2. Remove cap by inserting a flat head screwdriver into slot and prying upward.
3. Equalize cartridge by dispensing product until both parts flow equally.
4. Install **Static Mixer**. Cut tip to desired application size.

**Note:**

For cap replacement, match circles and squares, then snap back into place.

## STATIC MIXERS:

Part:	Product Name:	For:	Container:
70011	Integral Nut Square Static Mixers	7 oz. cartridge	6 pack
70012	Integral Nut Square Static Mixers	7 oz. cartridge	50 pack

## APPLICATION:

1. Apply **Heavy Bodied Black Seam Sealer** into joint or seam. Work in or finish with finger, putty knife, acid brush or spreader.
2. While product is still wet, remove excess by wiping with a small amount of solvent compliant with the VOC regulations in your area.
3. **Heavy Bodied Black 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 pad prior to painting.



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## SPRAYING:

The **Quick Spray System** easily attaches to the **Universal Pneumatic Applicator** and allows users to duplicate OEM seam sealer textures while utilizing the two-component technology of **SEM** seam sealers.

Also available are **Versa-Tips**. **Versa-Tips** snap onto the end of the **Static Mixer** and allow the user to easily duplicate OEM seam sealer ribbons. **Versa-Tips** contain six tips that may be cut to 1/2", 3/4", 1", 1.25" and 1.5" ribbon tips.

## STORAGE:

**Heavy Bodied Black Seam Sealer** should be stored in a cool, dry place with adequate ventilation away from heat, sparks and flames. The shelf life for **Heavy Bodied Black Seam Sealer** is 2 years when stored under normal conditions.

## RELATED PRODUCTS:

Part:	Product Name:	Size:
38371	SEM Solve	Gallon
38373	SEM Solve	20 oz. Aerosol
38374	SEM Solve	Quart
38375	SEM Solve	5 Gallon
40401	Zero VOC Surface Cleaner	Gallon
40404	Zero VOC Surface Cleaner	Quart
50121	World Class™ DTM Primer	Gallon
50124	World Class™ DTM Primer	Quart
50134	World Class™ DTM Primer Activator	Quart
50136	World Class™ DTM Primer Activator	Half Pint
70011	Integral Nut Static Mixers	6 Pack
70012	Integral Nut Static Mixers	50 Pack
70039	Universal Pneumatic Applicator	Each
70070	Versa-Tip	6 Pack
70100	Quick Spray System Starter Kit	Each
71119	Universal Manual Applicator	Each



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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.

### **Disclaimer:**

The information supplied in this document is for guidance only and should not be construed as a warranty. All implied warranties are expressly disclaimed. All users of the materials are responsible for assuring that it is suitable for their needs, environment and use. All data subject to change as SEM deems appropriate.

Users should review the Safety Data Sheet (SDS) and product label for the material to determine possible health hazards, appropriate engineering controls and precautions to be observed in using the material. Copies of the SDS and product label are available upon request.