



# 40377 HEAVY BODIED BLACK SEAM SEALER

## TECHNICAL DATA SHEET

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### *Description*

**40377 HEAVY BODIED BLACK SEAM SEALER** is a versatile, two component sealer for sealing interior or exterior seams, joints and voids. **40377** stays flexible, will not shrink or crack and is paintable in 60 minutes.

### *Features*

- **Extended working time, non-sag formula is ideal for use on many seams**
- **Black color matches many OEM sealers**
- **Holds tooling marks throughout working time**
- **Excellent adhesion to multiple surfaces**
- **Remains flexible without shrinking or cracking**
- **Direct to metal application**
- **Isocyanate free**

### *Typical Properties*

|                    |                             |
|--------------------|-----------------------------|
| Container          | 7 oz cartridge              |
| Color (cured)      | Black                       |
| Working time       | 10-15 minutes @ 70°F (21°C) |
| Set time           | 30 minutes @ 70°F (21°C)    |
| Sanding/paint time | 60 minutes @ 70°F (21°C)    |
| Cure time          | 60 minutes @ 70°F (21°C)    |

### *Handling and Application*

**PREPARATION:** Prior to applying **40377**, vehicle temperature should be 70°F (21°C) for at least one hour.



1. Clean joints and seams thoroughly with **38373 SEM SOLVE** or **38381 WORLD CLASS™ SURFACE CLEANER**.
2. Sand primed surface with 400 grit sand paper or scuff with a red scuff pad. Bare metal areas should be sanded with 80 grit.
3. Blow off and tack clean to remove lint and dust.
4. Re-clean with **38373** or **38381**.

**40377** may be applied directly to bare sanded 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 2K urethane or epoxy primer before applying **40377**. When in doubt, prime with a quality 2K urethane or epoxy primer. Allow primer to fully cure and sand with 400 grit sand paper or a red scuff pad before applying **40377**.

### **MIXING:**



Place cartridge into **70029 MANUAL APPLICATOR GUN** or **70039 1:1 PNEUMATIC APPLICATOR GUN**. To remove cap, insert flat head screwdriver into slot and pry upward. **NOTE:** For cap replacement, match circles and square, and snap back into place. Prior to installing static mixer, equalize cartridge by dispensing product until both parts flow equally. Install static mixer. Cut tip to desired application size. Avoid marbling.

#### **Use Static Mixers: INTEGRAL NUT SQUARE STATIC MIXERS**

**70011** (6 pack)

**70012** (50 pack)

### **APPLICATION:**



1. Apply **40377** into joint or seam. Work in or finish with finger, acid brush, putty knife, 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. **40377** should be ready for sanding and painting in 60 minutes.

**NOTE:** **40377** 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 topcoat.

**70100 QUICK SPRAY SYSTEM** easily attaches to **70039 PNEUMATIC DISPENSING GUN** and allows users to duplicate OEM seam sealer texture while utilizing the 2K technology of **40377**.

Also available is **70070 VERSA-TIP KIT**. **70070** tips snap onto the end of the static mixer and allow the user to easily duplicate OEM seam sealer ribbons. **70070** contains 6 tips that may be cut to ½", ¾", 1", 1¼" and 1½" ribbon tips.

### **STORAGE:**



**40377** should be stored in a cool dry place with adequate ventilation away from heat, sparks and flames. The shelf life for **40377** is 2 years when stored under normal conditions.

#### **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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Users should review the Material Safety Data Sheet (MSDS) 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 MSDS and product label are available upon request.

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