

# PRODUCT DATA

**4182**

## Ultra Flex™ Sprayable Seam Sealer

### DESCRIPTION:

Ultra Flex™ Sprayable Seam Sealer is an iso-free multi-purpose sprayable sealant. It may be applied by caulking gun or spray equipment and is easily extruded and tooled. 4182 is a moisture curing sealant developed for automotive and industrial applications requiring elasticity, high strength and excellent adhesion. The product is tough, elastic and waterproof. It bonds aggressively to steel, aluminum, galvanized metal, fiberglass, urethane, epoxy, polyester, water-based primers, glass, EPS foam, Styrofoam®, Kynar® and many plastics.

### TECHNICAL DATA:

APPEARANCE:	Gray Paste
% SOLIDS:	99%
V.O.C. CONTENT:	1.24 #/gal (148g/l)
MIX RATIO:	Ready to Use
WORKING TIME:	10 minutes
SKIN TIME:	35 minutes
CURE TIME:	12 - 24 hours (3/16" per 24 hours)
TIME TO PAINT:	15 minutes to 48 hours
SHELF LIFE:	11 months unopened
SHORE A HARDNESS:	35
ELONGATION:	575%
TENSILE STRENGTH:	210 psi
COLD TEMP RESISTANCE:	@ -20°F (-28°C) remains flexible
HEAT TEMP RESISTANCE:	@ 200°F (93°F) no degradation

### SUITABLE SUBSTRATES:

Designed for use general purpose automotive applications including interior and exterior body seams such as door skins, rocker panels, rear body panels, trunk seams, floor pans, etc.

### SALES POINTS:

- Fast curing and odor free
- One component/moisture curing
- Designed for direct to metal application
- Adheres to a wide variety of materials, including bonding dissimilar materials
- Permanently elastic in a broad temperature range and virtually no shrinkage
- Paintable after 15 minutes flash up to 48 hours after application
- Minimal opportunity for bond failure
- Can be applied with caulking gun or air gun

### SEE REVERSE SIDE FOR APPLICATION INSTRUCTIONS

(Refer to Material Safety Data Sheet for proper handling of products listed in this bulletin).

### PACKAGE SIZE:

- 4182 Ultra Flex™ Sprayable Seam Sealer, 11 oz cartridge (305 ml), 12/case  
 4445 Sprayable Seam Sealer Gun, 1/case



*DISCLAIMER: The technical information and suggestions for use have been compiled for your guidance and usage. Such information is based on Transtar Autobody Technologies experience and research and is believed to be reliable. As Transtar has no control over conditions in which the product is used, stored, or otherwise handled, the above information does not constitute a warranty. Buyers must assume responsibility for the suitability of the product for their purposes.*

# 4182

## **Ultra Flex™ Sprayable Seam Sealer**

### **SURFACE PREPARATION:**

Surfaces must be clean and free from wax, silicone or grease. Clean areas to be sealed with Speedi SCAT #6321 or Aqua SCAT #6351/6354.

### **APPLICATION:**

Apply bead of sealant along seam to be sealed. Sealant may be tooled as desired, and holds brush marks very well. Full cure will be achieved in 12 – 24 hours depending on humidity and material thickness. (Instructions for use with #4445 spray gun are on next page.) **NOTE:** Product can be painted after 15 minute flash. If product is to be painted, it must be painted within 48 hours to assure proper adhesion. If 4182 is not painted within 48 hours, simply apply one coat of TPO Adhesion Promoter #1023-F at any time after 48 hours prior to applying subsequent coats.

**TIP:** Another strategy for handling extended paint times is to apply 2 in 1 Primer #4603/4613/4623/4633 immediately over the 4182, then abrade with a scuff pad (red or gray) and degrease prior to painting.

**TIP:** To save unused material for later use, leave the plastic nozzle on the cartridge. This will keep moisture from entering the cartridge and curing the material. Simply replace the nozzle with a new one the next time you use the product.

**Refer the Technical Datasheet for #4445 Sprayable Seam Sealer Gun for spraying application.**

### **COMPETITION:**

3M Ultrapro MSP Seam Sealer #08369

3M Ultrapro MSP Seam Sealer #08370

3M Scotch Sealant 540