



# 81-10

Product Data Sheet

## PROPERTIES

**COLOR:** Green

**APPLICATION CONSISTENCY:**  
Spray, brush or roller.

**AVERAGE WEIGHT / U.S. GALLON (FSTM 3):**  
6.2 lbs. (0.74 kg/l)

**AVERAGE NON-VOLATILE (FSTM 9A):**  
16% by volume (22% by weight)

**COVERAGE RANGE (FSTM 72):**  
(Subject to type of surface and nature of material being bonded.) 200 to 400 sq. ft. per gallon (4.9 to 9.8 m<sup>2</sup>/l)  
0.008 in. to 0.004 in. wet film thickness (0.2 to 0.1 mm)

**BOND TIME RANGE (FSTM 66):**  
0 to 15 minutes

**SERVICE TEMPERATURE LIMITS (FSTM 70):**  
(Temperature at coated surface)  
-20°F to 200°F (-29°C to 93°C)

**WET FLAMMABILITY (ASTM D 93):**  
Flash point -7°F (-22°C)

**SURFACE BURNING CHARACTERISTICS (ASTM 84):**  
Flame Spread: 10  
Smoke Developed: 25  
Tested at coverage rate of 200 sq. ft./gal. (4.9 m<sup>2</sup>/l).  
Applied to 1/4 inch (6.4 mm) inorganic reinforced cement board. The flame spread may vary at different product thicknesses and/or when applied over other surfaces.

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## FOSTER S.M. ADHESIVE



**FOSTER S.M. ADHESIVE** is a low cost, quick-setting synthetic elastomer adhesive for use with fibrous glass insulation (up to 3 lbs./cu.ft.) duct wrap and acoustical linings for air handling ducts.

**S.M. ADHESIVE** is designed for use in applications where fibrous glass insulation is bonded to the interior or exterior of sheet metal air-conditioning ducts.

**S.M. ADHESIVE** meets ASTM C916, Type IV (ASC-A-7001-A, Type IV) and NFPA 90A and 90B 25/50 requirements.

**S.M. ADHESIVE** is produced under the classification and follow-up service of Underwriter's Laboratories, Inc.

**S.M. ADHESIVE** contains no asbestos, lead, mercury, or mercury compounds.

### LIMITATIONS

Store and apply between 40°F (4°C) and 100°F (38°C).

Always test plastic materials for compatibility when using a solvent base products.

Make certain this product is completely dry and the area free from solvent odor if food is involved.

Not suggested for sealing vapor barrier jackets.

Allow to dry to a solvent-free condition before installing weld pins.

Overhead applications may require mechanical fasteners.

**FOR  
FOSTER S.M. ADHESIVE  
81-10**

**MATERIAL PREPARATION**

DO NOT THIN. Stir well, but do not use sticks or boards which would splinter or otherwise contaminate the product.

No need to prime aluminum or galvanized metal. Apply only to clean, dry surfaces. Keep container closed when not in use to prevent solvent evaporation.

**APPLICATION**

**Brush:**

Use a clean paintbrush. Apply uniformly to metal surface at 200-400 sq. ft./gal. (4.9-9.8 m<sup>2</sup>/l). Press insulation into place, making sure complete contact is made with applied adhesive. Bond may be made within 0 to 15 minutes.

**Spray:**

May be spray applied with conventional air atomizing equipment or airless spray equipment. For spray equipment information, please consult Spray Recommendations or contact your spray equipment supplier. Average viscosity range: 200-500 cps.

**CLEAN-UP**

Use solvents such as chlorinated solvent (non-flammable) or mineral spirits (flammable) for cleaning brushes and equipment.

**DATA REPRODUCED FROM UNDERWRITERS' LABORATORIES, INC.  
BUILDING MATERIALS DIRECTORY**

<b>ADHESIVES</b>	R-5661
<b>H.B. Fuller Company</b>	
	Surface Burning Characteristics Applied to 1/4 inch (6.4 mm) Inorganic Reinforced Cement Board
Surface Flame Spread	10
Smoke Developed	25
Tested as applied at a coverage of 200 sq. ft./gal.	



**CUSTOMER SERVICE—800-231-9541 OR 800-338-2975**

**IMPORTANT:** Specialty Construction Brands, Inc. warrants that each of its products will be manufactured in accordance with the specifications in effect on the date of manufacture. WE MAKE NO OTHER WARRANTIES AND EXPRESSLY DISCLAIM ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. If a product fails to meet this limited warranty, purchaser's sole and exclusive remedy is replacement of the product or, at our option, refund of the purchase price. OUR ACCEPTANCE OF ANY ORDERS FOR THE PRODUCT IS EXPRESSLY CONDITIONAL UPON PURCHASER'S ASSENT TO THE TERMS ON THE APPLICABLE INVOICE.

**ADEQUATE TESTS:** The information contained herein we believe is correct to the best of our knowledge and tests. The recommendations and suggestions herein are made without guarantee or representation as to results. We recommend that adequate tests be performed by you to determine if this product meets all of your requirements. The warranted shelf life of our products is six months from date of shipment to the original purchaser.

**For industrial use only. Keep out of reach of children.  
Consult Material Safety Data Sheet and container label for further information.**