

D U C T M A T E



SOLVseal™



**UNION
MADE IN THE
USA**

Premium Solvent Based Sealant

Excellent Adhesion to Metal and Fast Cure Time

- UL Classified
- Permanently flexible
- Fast Drying
- Exceptional Workability
- Will not drip or sag
- High water resistance
- Low brush drag
- Excellent spreadability
- Minimal Shrinkage
- Indoor or Outdoor Use
- Superior Sealing Strength
- Conforms to Requirements of NFPA 90A and 90B
- Mildew resistant
- USDA Chemically Acceptable



DUCTMATE®
Industries, Inc.

DESCRIPTION

SOLVseal is a premium solvent based high-velocity duct sealant.

BASIC USE

To seal metal joints against air leaks in low, medium, and high pressure duct systems

SPECIAL CHARACTERISTICS

- UL Classified
- Permanently flexible
- Fast Drying
- Exceptional Workability
- Will not drip or sag
- High water resistance
- Low brush drag
- Excellent spreadability
- Minimal Shrinkage
- Excellent Adhesion to Metal
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DIRECTIONS FOR USE

Surface Preparation: For good brushability, store at room temperature at least 24 hours before applying. Surfaces should be clean, dry and free of any dirt, oil, grease, water or foreign matter.

Application: DO NOT THIN. Do not apply below 0°F (-17.8°C). Stir well if any separation occurs.

When Used In Conjunction With Sheet Metal: Apply by brush, hand, trowel or spray. SOLVseal should be applied to duct connections according to all applicable SMACNA standards. Apply to the inside of female fittings and outside of male fittings. Assemble the joint.

Brush sealant over the assembled joint. Thoroughly cover joint and screws with a 2" to 3" wide band. Assembly should cure for 24-48 hours before pressure testing the system. Since field temperature/humidity conditions may vary, longer set times may be required for specific installations. Apply at a rate of 50 sq. ft. per gallon (1/32" thick).

When Used in Conjunction With UL 181 Listed Flexible Air Ducts: Apply by brush a 1/16" (25 sq.ft. per gallon) coating and allow to dry a minimum of 24-48 hours. Since field temperature/humidity conditions may vary, longer set times may be required for specific installations. Use with mechanical fasteners per Air Duct installation instructions.

Clean Up: Mineral spirits or Aromatic Naphtha may be used.

Storage: Store closed containers at room temperature with good cross ventilation.

When Used In Conjunction With Duct Cover: Allow the sealant to cure fully before encapsulating duct ends with ProGuard, or any duct cover products. You may set the duct upright on a palate and encapsulate just the top, allowing air to flow through the bottom until the sealant has cured.

TECHNICAL INFORMATION

BASE:	Synthetic Rubber
COLOR:	Gray
TYPE:	Solvent Base
WEIGHT:	9 lbs per gallon
SOLID CONTENTS:	51%
VISCOSITY:	150,000 c.p.s.
APPLICATION TEMPERATURE:	40°F to 110°F
SERVICE TEMPERATURE:	- 20°F to 190°F
STORAGE:	Room Temperature (with cross ventilation)
DRY TO TOUCH:	15 min. (approximate)
CURE TIME:	24 to 48 hours + (depending on humidity, application, and temperature)
FLAMMABILITY:	(Wet) Extremely Flammable Flash point -4°F (-20°C) (Dry) See UL classification
WATER RESISTANCE:	Excellent
MILDEW RESISTANCE:	Excellent
COVERAGE:	25 sq. ft./gal. at 1/16" 12.5 sq. ft./gal. at 1/8"
ODOR:	Mild solvent (wet) None (dry)
SHELF LIFE:	1 year (unopened container)
CURED SEALANT:	Tough and permanently flexible
DOT SHIPPING INFORMATION:	Flammable Liquid, N.O.S., 3 UN 1993, PG III. (Hexane CAS 110-54-3)
PACKAGING:	1/12 gallon tubes (25 tubes/case) 1 gallon pail (4 gal./case) 5 gallon pail (1 ea.) 55 gallon drum (1 ea.)



CAULKINGS AND SEALANTS
SURFACE BURNING CHARACTERISTICS
AS APPLIED TO INORGANIC REINFORCED CEMENT BOARD
R15712

SOLVseal

FLAME SPREAD: 5

SMOKE DEVELOPED: 0

Applied to Inorganic Reinforced Cement Board+

Tested as applied in 3/8" 12" on center at rate of 30 ft²/gal.
Flash point of finished adhesive (closed cup) less than -20°C.

LIMITED PRODUCT WARRANTY

Ductmate Industries, Inc. is not liable for consequential, incidental or special damages. There are no statutory or implied warranties including the warranties of fitness for a particular purpose and merchantability. There are no warranties other than as set forth below and Ductmate Industries, Inc. neither assumes nor authorizes any person to assume any liability or other obligation in connection with SOLVseal.

SOLVseal is warranted to be free from any and all defects in material and workmanship only at the time of shipment from our plant. If material is shown to be defective at the time of shipment from our plant, Ductmate Industries, Inc. will replace or issue credit for the original purchase price.

SOLVseal will provide an airtight seal between most surfaces normally used in duct construction when installed according to the printed application directions. To determine the suitability of SOLVseal for each specific purpose, the user must make his own test and determination. Ductmate Industries, Inc. does not guarantee the results from the use of SOLVseal because of the extreme differences in surface texture and porosity of available materials and the possibility of structural movement or externally caused damages.

KEEP OUT OF REACH OF CHILDREN. Consult The MSDS Sheet Before Using Product



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