

D U C T M A T E

# SOLVseal™



## Premium Solvent Based Sealant

### Excellent Adhesion to Metal

- 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
- U.S.D.A. Chemically Acceptable



# DUCTMATE®

Industries, Inc.

GASKETS, SEALANTS, ADHESIVES

### DESCRIPTION

SOLVseal is a premium solvent based high velocity duct sealant based on a blend of unique synthetic elastomers, select hydrocarbon resins and minerals. This blend results in a superior product that is unequaled in performance.

### BASIC USE

To seal metal to 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
- Indoor or Outdoor Use
- Superior Sealing Strength
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- Mildew Resistant
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### DIRECTIONS FOR USE

**Preparation:** For good brushability, store at room temperature at least 24 hours before applying. Do not thin. Stir well if any separation occurs. Do not apply below 0°F (-17.8°C). Surfaces should be clean, dry and free of oil, grease and any other foreign material.

**Application:** Use a brush, caulking gun or pump. 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 24-72 hours before pressure testing the system. If the sealant is going to be directly exposed to U.V. rays, its service life can be extended by painting the sealant with a coat of exterior grade latex paint.

**Clean Up:** Mineral Spirits or Aromatic Naphtha may be used.

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

**Pressure Rating:** SOLVseal is recommended for use in HVAC duct systems which do not exceed 15" water column pressure.

### 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 for 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.

**CAUTIONS: FLAMMABLE MIXTURE.** Do not use or store near sparks, excessive heat or open flame. Vapors may ignite explosively. Keep container closed when not in use. Use with adequate ventilation. Avoid excessive breathing of vapors. Avoid excessive contact with your skin. Do not take internally.

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

### TECHNICAL INFORMATION

<b>BASE:</b>	Synthetic Rubber
<b>COLOR:</b>	Gray
<b>TYPE:</b>	Solvent Base
<b>WEIGHT:</b>	9 lbs per gallon
<b>SOLID CONTENTS:</b>	51%
<b>VISCOSITY:</b>	150,000 c.p.s.
<b>APPLICATION TEMPERATURE:</b>	0°F to 110°F (-17.8°C to 43°C)
<b>CURE TEMPERATURE:</b>	40°F to 110°F (4.4°C to 43°C)
<b>SERVICE TEMPERATURE:</b>	-20°F to 190°F (-29°C to 88°C)
<b>STORING CONDITIONS:</b>	Room Temperature (with cross ventilation)
<b>DRY TO TOUCH:</b>	15 min. (approximate)
<b>CURE TIME:</b>	24 to 72 hours + (depending on humidity, application, and temperature)
<b>FLAMMABILITY:</b>	(Wet) Extremely Flammable Flash point -4°F (-20°C)  (Dry) see UL Classification
<b>MILDEW RESISTANCE:</b>	Excellent
<b>WATER RESISTANCE:</b>	Excellent
<b>COVERAGE:</b>	25 sq. ft./gal at 1/16" 12.5 sq. ft./gal. at 1/8"
<b>ODOR:</b>	Mild solvent (wet) None (dry)
<b>SHELF LIFE:</b>	1 year (unopened container)
<b>CURED SEALANT:</b>	Tough and permanently flexible
<b>DOT SHIPPING INFORMATION:</b>	Flammable Liquid, N.O.S., 3, UN 1993, PG III. (Hexane CAS 110-54-3)

### PACKAGING INFORMATION

Size	Packed	Weight
1/12 gallon tubes	24 tubes/case	21 lbs./case
1 quart tube	10 tubes/case	23 lbs./case
1 gallon pail	4 gal./case	39 lbs./case



ADHESIVE  
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 in. 12 in. on center at rate of 30 sq. ft./gal.  
Flash point of finished adhesive (closed cup) less than -20°C.

66H9



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