

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION:

GLENKOTE™ SEALFLEX™ is a water based sealant/ mastic that is UL 181-B certified. **GLENKOTE™ SEALFLEX™** is designed for indoor and outdoor use on all conventional high, medium or low pressure or high velocity – metal, fiberglass and flexible heating and air conditional duct systems. **GLENKOTE™ SEALFLEX™** can also serve as amending or patching membrane for repair.

ADVANTAGE:

- Easily applied
- Forms permanent, flexible seal
- Highly resistant to effects of temperature changes
- When cured, impervious to gasoline, oil, grease, weak acids and alkalis

TYPICAL PROPERTIES:

Property	Typical Value
Base:	Synthetic Polymer
Solvent:	Water
Shelf Life:	1 year from Date of Manufacture*
Colors:	Cream
Flash Point:	N/A
Weight/ Gallon	9.98 lbs/ gallon
VOC Content	65.5 g/L (EPA Method 24)
Viscosity	190,000 –210,000 cps
Open Time	1 hour
Dry Time	24 - 48 hours
Solids	57.7% ± 2.0%
Coverage	80 sq. feet/ gal depending on application, engineering requirements, and porosity of substrate
Formaldehyde	No urea formaldehyde added during adhesive manufacturing
* The shelf life for an unopened container of this adhesive stored at temperatures between 60°F (15.6°C) and 95°F (35°C) is 1 year from date of manufacture. Store out of direct sunlight in a cool, well-ventilated area. Avoid storing container directly on the floor or against an outside wall	

DIRECTION FOR USE:

- Mix thoroughly, taking care to scrape the sides and bottom of container before application
- DO NOT ADD WATER. DO NOT THIN.
- Close container after each use.
- Clean surface, ensuring it is free from grease, oil and dirt. Loose particles and scale should be removed with a wire brush.
- Material may be applied with a brush, roller, trowel or putty knife.
- Clean tools immediately with water.

For Sealing UL181 Flexible Air Ducts

- Apply to a clean, dry surface, free of dirt and grease.
- Using a brush, or trowel, apply a 3-inch wide band of mastic around the collar at a coverage rate of 100 square feet/ gallon (26 mils WFT)

APPLICATION TEMPERATURE RANGE:

35°F to 120°F

SERVICE TEMPERATURE RANGE:

-40°F to 250°F

SUSTAINABILITY GUIDE:

- Contributes to LEED® and other green building rating system credits:
 - LEED-NC and LEED-CI EQ Credits 4.1
 - LEED-EB MR Credit 3
 - LEED for Schools EQ Credit
 - LEED Core & Shell EQ Credit 4.1
 - Green Guide for Health Care EQ Credit 4.1
 - NAHB Model Green Home Bldg Guidelines – Sect 7, Global Impact 7.1.3
 - CHPS (Collaborative for High Performance Schools EQ Credit 2.2

REGULATORY COMPLIANCE:

SCAQMD Rule 1168
 (South Coast Air Quality Management District)
 California Air District Regulations
 Ozone Transport Commission (OTC) Rule for Adhesives and Sealants
 City of Los Angeles Approved: RR7988
 Meets SMACNA Seal Classes A, B, C

INDUSTRY STANDARDS:

- Meets SMACNA Seal Classes A, B, C
 - City of Los Angeles Approved: RR7988
- Meets requirements of NFPA 90A and 90B
- **ASTM C-411** “Hot Surface Performance of High Temperature Thermal Insulation”: After 96 Hours @ 250°F, no cracking, peeling, chalking or other signs of physical failure.
- **ASTM C732** “Aging Effects of Artificial Weathering on Latex Sealants”: After 500 hours, no change in the product.
- **ASTM D-2202** “Slump Test”: 0.0 inches

UNDERWRITERS LABORATORIES INC.
 Classified: Adhesives R-5058
 Surface burning characteristic applied to inorganic reinforced cement board
 Flame Spread.....5
 Smoke Developed.....5
 Tested as applied at a coverage rate of 80 sq ft/ gal.
 Flash point of liquid adhesive (closed cup), no flash to boiling.
 Underwriters Laboratories Listed 181 B-M 2R59

**KEEP OUT OF REACH OF CHILDREN
 FOR PROFESSIONAL OR INDUSTRIAL USE ONLY
 USE ONLY WITH APPROVED EQUIPMENT**

NOTICE TO PURCHASER:
 NO WARRANTIES, EXPRESS OR IMPLIED, ARE MADE INCLUDING MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE. EXCEPT FOR PERSONAL INJURY RESULTING FROM USE OF THE PRODUCT AS DIRECTED, ITW POLYMERS SEALANTS NORTH AMERICA, INC. SHALL NOT BE LIABLE IN TORT OR CONTRACT FOR ANY LOSS OR DAMAGE. UNDER NO CIRCUMSTANCES SHALL ITW POLYMERS SEALANTS NORTH AMERICA, INC., A DIVISION OF ILLINOIS TOOL WORKS INC., OR ITS AFFILIATES (“ITW POLYMERS SEALANTS NORTH AMERICA, INC.”) BE LIABLE FOR ANY LOSS OR DAMAGE ARISING FROM THE PURCHASE, USE, OR INABILITY TO USE THIS PRODUCT, OR FOR ANY SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES. THE USER MAY SEND A SAMPLE OF PRODUCT TO ITW POLYMERS SEALANTS NORTH AMERICA, INC. FOR TESTING. IF SUCH TESTING PROVES A PRODUCT DEFECTIVE, THE USER’S SOLE AND EXCLUSIVE REMEDY IS EITHER REIMBURSEMENT OF THE PURCHASE PRICE OF THE PRODUCT OR REPLACEMENT OF THE CONTAINER OF PRODUCT. NO FABRICATOR, INSTALLER, DEALER, AGENT OR EMPLOYEE OF ITW POLYMERS SEALANTS NORTH AMERICA, INC. HAS THE AUTHORITY TO MODIFY THE OBLIGATIONS OR LIMITATIONS OF THIS.

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Complete technical information is available from
 ITW Polymers Sealants North America, Inc.