HARDCAST
DUCT SEALANTS & INSULATION ADHESIVES

Speed-Tack™

Mid-Tack, High-Yield
Water-Based Insulation Adhesive



OVERVIEW

Speed-Tack is a water-based insulation adhesive engineered for fast-tacking spray applications. Its tack time rivals that of solvent-based adhesives and is nonflammable. Speed-Tack offers exceptional strength, low viscosity, great coverage, and low suspended solids.

PART NUMBERS

Part #	Product Description
308589	(1) 5-Gallon Pail (Cream)
308590	(1) 50-Gallon Drum (Cream)

SPECIFICATION/STANDARDS COMPLIANCE

Property	Method	Results
Standard Specification for Adhesives for Duct Thermal Insulation	ASTM C916	Pass
VOC Limitations	SCAQMD Rule 1168	Pass
Flame Spread	ASTM E84*	0
Smoke Developed	ASTM E84*	5

*Note: When tested in accordance to ASTM E84

FEATURES AND BENEFITS

- Nonflammable water-based insulation adhesive
- Engineered for fast-tacking spray applications
- Can also be used in any application via brush, roller, or spray
- Fast initial tack time and short dry time
- Tack time rivals that of solvent-based adhesives
- Made in the USA

CONTRACTORS GET REWARDED
CarlisleHVACRewards.com

- Minimize job costs with labor-saving products
- Increase system productivity and energy savings with cost effective, high-engineered products

Carlisle HVAC Brands Indoor Air Quality Our Top Priority

- True zero and low-VOC products are resistant to mold, mildew, and fungi
- Properly installed and sealed systems promote optimal indoor air quality

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TYPICAL PROPERTIES AND CHARACTERISTICS

Color	Cream (wet and dry)
Consistency	Low-viscosity fluid
Odor	Faint latex
Base	Synthetic latex
Solvent	Water
Weight per Gallon	8.7 lbs (+/- 0.2)
Solids Content	45% (+/- 2%)
Viscosity	11,000 - 14,000 cps
Approximate Coverage	Up to 650 ft^2/gallon (sprayed)
Initial Bonding Time	2 minutes* (3 mils @ RT)
Dry Time	20 minutes* (3 mils @ RT)
Mechanical bond strength	Excellent
Service Temperature	-20°–200°F (-28.8°–93.3°C)
Flammability	Nonflammable
Water Resistance	Good
Mildew Resistance	Mold and mildew resistant, contains antimicrobial components
VOC	70 g/l (less water)
Freeze/Thaw Stability	Passed 5 cycles

*Note: May vary according to thickness, temperature, air flow, and humidity.

STORAGE

Temperature	45°–110°F (7.2°–43.3°C)
Shelf Life	One year (unopened)
Flammability	Nonflammable

LEED

Post-Industrial Recycled Content	0%
Pre-consumer Recycled Content	0%
VOC Content	70 g/l (less water)
Manufacturing Location(s)	Wylie, TX

APPLICATION

Temperature	35°–110°F (1.6°–43.3°C). Keep at 70°F for optimum performance. If product temperature falls below 70°F, move it to a warm area until optimum performance is achieved.
Preparation	Surface must be dry and free of dirt, oil, moisture, and grease.
Method	May be spray, brush, or roller applied to secure insulation to the substrate. Apply according to SMACNA specifications and local codes.
Rate	Apply at a rate no greater than 650 ft^2/gallon
Recommended Maintenance	When spraying, it is recommended to fully clean the spray equipment weekly.
Clean Up Wet	Soap and water.
Clean Up Dry	Low-VOC UN-TACK™ Cleaner/Adhesive Remover, petroleum solvents, or mineral spirits.

PRECAUTIONS

Inspect all winter shipments upon arrival. Apply when temperatures will not fall below freezing. Review Safety Data Sheet for safety information prior to use. Do not apply this product in weather-exposed areas or where temperatures will exceed 160°F (71.1°C). Dispose of according to local codes and laws. Once any remaining product fully cures in the pail they can be thrown away. For Industrial Professional Use Only.

Contributes to LEED® Credit Requirements

MADE IN USA

CARLISLE HVAC BRANDS

www.carlislehvac.com

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USA: 900 Hensley Lane, Wylie, TX 75098 • (877) 495-4822
97 Dexter Road, East Providence, RI 02914 • (401) 216-7900
Canada: 2055 Hymus Boulevard, Dorval, QC H9P 1J8 • (800) 544-5535

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