

PRODUCT DATA

7 07 20 00 Thermal Protection

SONNEBORN® 200 ADHESIVE

Rubber-based panel and foam adhesive

Description

Sonneborn® 200 Adhesive is a ready-to-use multi-purpose synthetic-rubber-based adhesive for bonding foam insulation and other wall panels to various structurally sound substrates. It remains flexible for low-temperature installations and provides fast initial bond strength.

Yield

APPLIED AT 1/4" (6 MM) BEAD SIZE:

30 lineal ft (9 m) / 300 ml cartridge

83 lineal ft (25 m) / 825 ml cartridge

Packaging

300 ml cartridges, 24 cartridges per carton

825 ml cartridges, 12 cartridges per carton

5 gallon (18.93 L) pails

Color

Tan

Shelf Life

1 year

Storage

Store in unopened containers in a cool, dry area out of direct sunlight. Sonneborn® 200 Adhesive remains flexible even when stored at freezing temperatures.

Features

- Does not attack foam
- Flexible at wide temperature range
- Multi-purpose
- Easy pumpability
- Nonfreezing

Benefits

- Will not decrease insulation values
- Excellent for low-temperature installations
- Can be used as a general-purpose construction adhesive
- Provides fast, easy installation
- Requires no special storage requirements

Where to Use

APPLICATION

- Bonding most foam insulation to itself or to structurally sound surfaces such as concrete, masonry, wood and metal
- Composition board, asbestos cement, and gypsum board
- Bonding gypsum wallboard or paneling to studs or furring strips

LOCATION

- Above grade
- Interior and exterior

How to Apply

Surface Preparation

Surfaces must be structurally sound, dry, clean, and free from all loose materials, oil, and grease.

Application

FOAM INSULATION INSTALLATIONS

1. Remove excess mortar and any other projections to provide a generally flat surface.
2. Apply Sonneborn® 200 Adhesive to back side of prefitted foam. Use a 1/4" (6 mm) minimum bead with polystyrene foam and a 3/8" (10 mm) bead with other foams. Apply adhesive around entire outer areas, approximately 2" (51 mm) from edge, and run a bead from top to bottom on the left and right sides,

both about 18" (0.46 m) in from the edge.

3. Position foam immediately, pressing firmly over entire area to ensure complete adhesive transfer. Most applications require temporary mechanical fasteners.
4. Allow to dry a minimum of 72 hours before covering with other materials.

PANEL INSTALLATIONS

1. Apply a continuous bead to all furring strips, studs, and top and bottom plates.
2. Position prefitted panels and fasten with finishing nails top and bottom to ensure proper alignment. Continue this procedure until finished.
3. If installing panels to drywall, apply adhesive in a zig-zag pattern within 1-1/2" (38 mm) of vertical edges on each side and 2 vertical beads in the panel center, 16" (0.41 m) apart. Position panel immediately, pressing firmly over entire area to ensure complete adhesive transfer. Use finishing nails top and bottom to help bonding.

BONDING FOAM TO CEILINGS AND WALLS

1. At least 3 mechanical fasteners per 8 ft (2.44 m) board must be used.
2. Space 1 fastener 12" (0.31 m) from ends of the board and 1 in center of the board.

Clean Up

Remove excess adhesive with mineral spirits or naphtha.

Technical Data

Composition

Sonneborn® 200 Adhesive is a solvent-borne synthetic rubber.

Typical Properties

PROPERTY	VALUE
Base	Synthetic rubber resin
Viscosity	Trowelable mastic
Application	Caulking gun
Open time, min	Up to 20, depending on temperature and humidity

PROPERTY	VALUE
Application temperature, ° F (° C)	35 – 120 (2 – 49)
Service temperature, ° F (° C)	Up to 150 (66)
Flash point, ° F (° C)	0 (-18)

For Best Performance

- Keep away from heat and open flame.
- When Sonneborn® 200 Adhesive is applied in or near areas containing foodstuffs, remove them before application and do not return them until all solvent vapors have dissipated.
- Solvent vapors can be objectionable to people unaccustomed to the odor; consult with building management before applying Sonneborn® 200 Adhesive in or around buildings occupied by nonconstruction personnel.
- Make certain the most current versions of product data sheet and MSDS are being used; call Customer Service (1-800-433-9517) to verify the most current versions.
- Proper application is the responsibility of the user. Field visits by BASF personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the jobsite.

Health and Safety

SONNEBORN® 200 ADHESIVE

Danger

Sonneborn® 200 Adhesive contains naphtha petroleum, hydrotreated light, N-Hexane, silica, crystalline quartz.

Risks

Flammable liquid and vapor. May cause skin and eye irritation. Inhalation of vapors may cause irritation and intoxication with headaches, dizziness and nausea. Contains n-Hexane which can cause peripheral polyneuropathy and central nerve damage. Reports associate repeated or prolonged occupational overexposure to solvents with permanent brain, nervous system, liver and kidney damage. INTENTIONAL MISUSE BY DELIBERATELY INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

Precautions

KEEP OUT OF REACH OF CHILDREN. KEEP AWAY FROM HEAT, FLAME, AND SOURCES OF IGNITION. Keep container closed when not in use. Use only with adequate ventilation. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. DO NOT take internally. Avoid breathing vapors. Use impervious gloves, eye protection and if the TLV is exceeded or product is used in a poorly ventilated area, use NIOSH/ MSHA approved respiratory protection in accordance with applicable federal, state and local regulations. DO NOT cut or weld on or near empty container. Empty container may contain explosive vapors or hazardous residues. All label warnings must be observed until container is commercially cleaned or reconditioned.

First Aid

In case of eye contact, flush thoroughly with water for at least 15 minutes. SEEK IMMEDIATE MEDICAL ATTENTION. In case of skin contact, wash affected areas with soap and water. If irritation persists, SEEK MEDICAL ATTENTION. Remove and wash contaminated clothing. If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs, or if swallowed, SEEK IMMEDIATE MEDICAL ATTENTION.

Refer to Material Safety Data Sheet (MSDS) for further information.

Proposition 65

This product contains materials known to the state of California to cause cancer, birth defects, or other reproductive harm.

VOC Content

2.31 lbs/gal or 258 g/L, less water and exempt solvents.

For medical emergencies only, call ChemTrec (1-800-424-9300).

BASF Construction Chemicals, LLC – Building Systems

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Customer Service 800-433-9517
Technical Service 800-243-6739



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