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PITTSEAL® 727 sealant
PRODUCT DATA SHEET

IMPORTANT: MATERIAL SAFETY DATA SHEETS ARE AVAILABLE AND SHOULD BE READ BEFORE USING THIS PRODUCT.

DESCRIPTION:

PITTSEAL® 727 sealant is a specially formulated styrene-butadiene rubber sealant used for sealing joints in FOAMGLAS® insulation systems, and to seal protrusions and metal jacket laps. It is the preferred sealant for chilled water applications. PITTSEAL® 727 sealant is compatible with a wide variety of coatings.

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USES:

- Joint sealant in FOAMGLAS® insulation pipe covering and between insulation blocks in chilled water applications.
- Bedding compound behind FOAMGLAS® insulation.
- Anti-Abrasive cushion in vibrating systems.
- Seal protrusions and metal jacket laps.

***TYPICAL PROPERTIES:**

| | |
|---------------------------------|---|
| Color: | White |
| Wt/gallon (lbs.): | 11.5 to 12.0 (1.37 to 1.43 kg/liter) |
| Solids, wt %: | 72 to 75 |
| Solvent: | Mineral Spirits |
| Flash Point (PMCC), °F: | 105 (40.5°C) |
| **Flame Spread index, ASTM E84: | 5 |
| **Smoke Development index | 0 |
| Application Temperature (°F): | 0 to 100 (-17.7°C to 38°C) |
| ***Service Temperature (°F): | -70 to 180 (-56.6°C to 82°C) |
| Permeability, ASTM E96: | .003 perm in (.005 perm cm) |

| | |
|-----------------------------------|--|
| Coverage: (smooth surface) | 12.8 ft ² /gal = 1/8" film (.31 m ² /l = 3 mm) |
| | 25.6 ft ² /gal = 1/16" film (.62 m ² /l = 1.5 mm) |
| | 77 ft ² /gal = 2" x 1/8" joint (6.2 m ² /l = 5 cm X 3 cm) |

*Typical properties at time of printing, subject to change

**Tested as joint sealant with FOAMGLAS® insulation under application conditions.

***At sealant location.

APPLICATION:

DO NOT THIN. Apply with trowel, knife or caulking gun. All surfaces should be dry and free of dust, loose scale, oil, grease and frost. Apply sufficient material to both surfaces and press surfaces together firmly to obtain a complete seal. Joints less than or equal to 1/8" (3mm) are desirable. **Do not use this or any other sealant to fill large voids from poor fitting.** Blocks or joints should be rubbed to obtain good fit before application of sealant. If a coating is to be applied, cut off any squeezed-out sealant flush with surface. When sealing laps of metal jacketing, maintain a 1/16" (1.5mm) minimum thickness. Allow to cure one week before placing in hot service.

PITTSEAL® 727 sealant works easily over the suggested application range. To facilitate application at low temperature, keep containers in a heated location or loosen lid and warm by indirect heat. **DO NOT HEAT** containers with flame or direct heat.

CLEAN-UP AND DISPOSAL:

Tools should be cleaned with mineral spirits. See Material Safety Data Sheet for proper disposal.

LIMITATIONS:

DO NOT use in applications where solvent odor could affect food taste or flavor. Solvent may attack some organic foams.

ACCEPTANCE:

Chemically acceptable for USDA use in processing or storage areas for meat or poultry food products prepared under federal inspection.

PACKAGING:

- 10 fl. oz. cartridges (12/case)
- 2, 5, and 52 gallon containers

CAUTION:

This material is intended to be used only with FOAMGLAS® insulation and in conformity with Pittsburgh Corning's standard instructions. Be sure you have read and understand all instructions and Material Safety Data Sheets before using. Material Safety Data Sheets should be considered part of this product data sheet.



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| INGREDIENTS: | CAS # |
|--------------------------|--------------|
| Styrene-Butadiene rubber | 9003-55-8 |
| Styrene-Butadiene rubber | 26471-45-4 |
| Hydrocarbon resin | 68131-48-6 |
| Calcium Carbonate | 1317-65-3 |
| Mineral spirits | 64742-48-9 |

IRRITANT:
IARC Cancer Review (SBR) Group 3 Human Evidence Inadequate
Repeated or prolonged contact may irritate skin, eyes and respiratory system. Wear gloves. When working overhead wear goggles. Use with adequate ventilation.

HARMFUL OR FATAL IF SWALLOWED

COMBUSTIBLE MIXTURE:
Contains up to 28% by wt. mineral spirits (CAS 64742-48-9). Keep away from open flame and ignition sources. Keep container closed when not in use. Store in areas for combustibles.

FIRE HAZARD CLASSIFICATION:
Health: 1 Fire: 2 Reactivity: 0

KEEP OUT OF REACH OF CHILDREN:
This material is designed for application only for professional, trained personnel using proper equipment and is not intended for sale to the general public

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