Touch 'n Seal

SPRAY FOAM PRODUCTS FOR THE MINING INDUSTRY

MEETS OR EXCEEDS ALL MSHA-LISTED STANDARDS
MINE FOAM

Touch 'n Seal® Polyurethane Mine Foam effectively seals air leaks around mine stoppings, overcasts and undercasts, utility chases and other ventilation control components. Spray-applied Mine Foam is also used to fill voids, control water leaks and run-off, and as thermal insulation. Mine Foam quickly cures and forms a strong adhesive bond to most surfaces.

MSHA LISTED VENTILATION CONTROL SEALANT FOR STOPPINGS AND OVERCASTS
AIR SEALS AROUND STOPPINGS

FEATURES & BENEFITS

- Cures quickly
- Available in 180 and 200 bd. ft. sizes
- Heavy-duty, water-resistant waxed carton
- Easy to carry, set up and use
- No shaking needed before using
- Does not require pumps, water, compressors or supplied air
- Reusable applicator with 11 1/2 foot reach
- ASTM E84 Class A Fire Resistance:
  - Flame Spread: 15
  - Smoke Developed: 110
- ASTM E162 Surface Flammability:
  - Flame Spread Index: 10
- No offensive odor during use or after cured
- Suitability number MSHA-S17/02

TYPICAL USES

- Seal air leaks in and around metal, wood and concrete stoppings, overcasts, electrical and plumbing chases
- Fill voids and provides sound and thermal insulation
- Patch and repair existing stoppings and ventilation control structures
- Control water run-off

<table>
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<th>Item #</th>
<th>Description</th>
<th>Pallet Qty</th>
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<td>4004521180</td>
<td>Polyurethane Mine Foam (180)</td>
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<tr>
<td>4004521200</td>
<td>Polyurethane Mine Foam (200)</td>
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MINING APPLICATIONS

**Touch 'n Seal® Mine Block Mortar** bonds concrete and lightweight Autoclaved Aerated Concrete (AAC) blocks used for underground coal mine ventilation stoppings. Mine Block Mortar is a single-component polyurethane foam adhesive that cures rapidly to form a strong bond and air-seal between blocks. It is approved for use in underground coal mines with 6 inch or larger blocks.

**MSHA LISTED SEALANT FOR BONDING MINE VENTILATION BLOCKS**

**REPLACES MORTAR AND STRENGTH ENHANCING MINE SEALANT**

**FEATURES & BENEFITS**

- Lightweight cylinders contain 20 lbs. of adhesive
  - Enough material for multiple stoppings
  - Reduces risk of strain injuries from heavy lifting
- Cures and adheres to block within 30 minutes
- Bond Strength exceeds cement mortar (ASTM C1072)
- Retains full function after 1 hour fire test (ASTM E119)
- Not affected by moisture or temperature during curing
- 10 ft. hose and applicator
- Eliminates the need for parge coating
- No tools or mixing required
- ASTM E84 Class A Fire Resistance:
  - Flame Spread: 10
  - Smoke Developed: 10

**TYPICAL USES**

- Underground coal mine ventilation control adhesive
- Standard 6" wide or larger hollow core or solid concrete block: Suitability Number MSHA-ST25/0
- 6" x 12" x 24" or larger AAC lightweight block: Suitability Number MSHA-ST30/0

**Item #** | **Description** | **Pallet Qty**
---|---|---
4004517160 | Mine Block Mortar | 50
RIB & ROOF

Touch 'n Seal® Rib & Roof Polyurethane Sealant is a non-structural, two-component expanding foam that isolates coal seams from air and moisture to reduce scaling and spalling. By sealing the exposed coal, miner safety is increased.

CONTROLS SCALING AND SPALLING OF COAL FROM RIBS AND ROOFS OF UNDERGROUND MINES
INCREASES UNDERGROUND SAFETY

FEATURES & BENEFITS

- Yields up to 1500 sq. ft. @ 3/8" thickness
- One person operation
- Stops spalling
- Stops air leaks in old seals and on stopping ribs
- Reduces dust
- Does not require pumps, water, compressors or supplied air
- ASTM E84 Class A Fire Resistance:
  Flame Spread: 15
  Smoke Developed: 75
- Reusable applicator with 30 ft. hose
- No offensive odor during use or after cured
- Bright, reflective beige color
- Long lasting

TYPICAL USES

- Entries
- Cross cuts
- Ambulance alcoves
- Underground lunch rooms
- Shaft bottom areas
- With Tensar® Mining Systems products

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