

REV	NOTES	DATE

1. **Description** - Water based fibered duct sealant for flex duct and fiberglass ductboard, as well as general duct sealing. Suitable for installation per the *Standard for the Installation of Air Conditioning and Ventilating Systems (NFPA 90A)*, and the *Standard for the Installation of Warm Air Heating and Air Conditioning Systems (NFPA 90B)*.
2. **Material Safety Data Sheet (MSDS)** - See attached.
3. **Composition/Active Ingredients** - See MSDS.
4. **Agency Certifications/Ratings** - UL Listed with UL181A-M and UL181B-M ratings. UL Classified for Surface Burning Characteristics (BLIS - UL 723). When tested as applied to inorganic cement board in two 2 in. wide strips, 6 mils thick, 8 in. OC (coverage: 22 percent of the exposed test sample area) the following ratings apply:
  - a. Flame spread - 0
  - b. Smoke developed - 0
5. **Packaging** - 1 U.S. Gallon [3.785 liters] plastic tubs with resealable lid.

Part No. [s]

Drawn By: DGR 10/31/07

Reviewed By: WCM 10/31/07

Date:

**RHEEM CONFIDENTIAL INFORMATION.** NO REVISION TO DESIGN, MATERIAL, TOOLING OR PROCESS IS ACCEPTABLE WITHOUT PRIOR APPROVAL FROM RHEEM THROUGH A REVISED ENGINEERING SPECIFICATION AND A RESAMPLING OF PARTS. THE SUPPLIER IS RESPONSIBLE FOR NOTIFYING RHEEM PARTS DEPARTMENT AND PURCHASING DEPARTMENTS IN WRITING OF ANY CHANGES AFFECTING PRODUCT QUALITY, PERFORMANCE, RELIABILITY, PACKAGING, DELIVERY OR WORKMANSHIP. ANY DOCUMENTS REFERRED TO ON THIS DRAWING ARE INCLUDED IN THE SPECIFICATIONS FOR THIS COMPONENT.



**Parts  
Engineering**

**PROTECH Mastic - Fibered Off-White  
UL181A-M, UL181B-M  
1 Gallon**

**670020**

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**RHEEM SALES COMPANY**  
**1045 COMMONWEALTH ROAD**  
**RANDLEMAN, NC 27317**

For Customer Service call: (479) 648-4673  
**Emergency Telephone: (800) 255-3924**

**181 SERIES**  
**DUCT SEALANTS**  
**(670020)**

Data Sheet: 162  
Prepared: 10/26/07  
Supersedes: 7/08/05

This Material Safety Data Sheet complies with OSHA Hazard Communication Standard 29 CFR 1910.1200.

**SECTION 1: COMPOSITION / INFORMATION ON INGREDIENTS**

If present, IARC, NTP, and OSHA Carcinogens, are identified with an asterisk (\*) in this section.

**HAZARDOUS INGREDIENTS:**

OSHA Hazard Communication Standard (29CFR 1910.1200) hazard class.....None  
EPA SARA Title III Section 312 (40CFR370) hazard class.....None  
EPA SARA Title III Section 313 (40CFR372) toxic chemicals above "de minimis" level are.....None  
CALIFORNIA PROP 65 substances listed by the State of California under the "Safe Drinking Water and Toxic Enforcement Act of 1986". No such substances are present in reportable amounts for occupational exposure as per OSHA's approval of the California Hazard Communication Standard, Federal Register, page 31159 ff, 6 June 1997.

**SECTION 2: HAZARDS IDENTIFICATION**

**Effects of Acute Overexposure:** No effects expected.

**Eyes:** May cause discomfort in eyes.

**Skin:** Prolonged or repeated exposure to skin may cause dryness

**Breathing:** No effects expected. If breathing becomes difficult, remove victim to fresh air and consult a physician.

**Swallowing:** Seek medical attention.

**SECTION 3: FIRST AID MEASURES**

**Eyes:** Flush with water for 15 minutes.

**Skin:** Wash with soap and water.

**Breathing:** If affected, remove individual to fresh air. Keep person warm, quiet and get immediate medical attention.

**Swallowing:** Seek medical attention immediately.

**SECTION 4: FIRE FIGHTING MEASURES**

**Flash Point:** >212°F PM Closed cup

**Explosive Limit:** Not applicable

**Extinguishing Media:** Water or dry type extinguisher.

**Hazardous Decomposition Products:** Fumes produced when heated may include: oxides of carbon, nitrogen and sulfur along with hydrocarbon residues.

**Fire Fighting Procedures:** Wear self contained breathing apparatus equipment to protect against noxious fumes.

**Special Fire and Explosion Hazards:** May yield Carbon Monoxide and/or Carbon Dioxide.

**SECTION 5: ACCIDENTAL RELEASE MEASURES**

Collect spilled material in salvage container. Small amounts may be absorbed into appropriate absorbents. Prevent spill from entering sewers, drains and waterways. Dispose of product in accordance with all state, local and federal regulations.

**SECTION 6: HANDLING AND STORAGE**

Store in tightly closed containers. Store at temperatures between 45°F to 90°F. Protect against inhalation of excess vapors, skin contact, inhalation and ingestion. Wash hands after handling. Keep containers away from extreme temperatures. Do not allow product to freeze. If product is allowed to freeze, allow to thaw completely before use.

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### SECTION 7: EXPOSURE CONTROLS / PERSONAL PROTECTION

**Respiratory Protection:** Not normally needed with local exhaust.

**Ventilation:** Local exhaust adequate. Provide sufficient ventilation to maintain constant fresh air in workplace.

**Protective Gloves:** Chemical resistant gloves such as neoprene or PVC are recommended.

**Eye Protection:** Chemical splash goggles are recommended.

**Other Protective Equipment:** To prevent repeated or prolonged skin contact, wear impervious clothing and boots. Do not eat, drink or smoke in work area. Wash hands before eating. A clean source of water should be available for washing eyes and hands.

### SECTION 8: PHYSICAL AND CHEMICAL PROPERTIES

Property	Measurement	Property	Measurement
Boiling Point	100°C / 212°F	Specific Gravity (H <sub>2</sub> O=1)	1.18
Vapor Pressure	N/D	Evaporation Rate (BAC=1)	>1
Vapor Density	Heavier than air	Appearance	white caulking
Solubility In Water	Soluble	Weight per Gallon	11.13 +/- .2 lbs/gal
pH	8 to 9.5	Volatile by weight	34% +/- 2% (Water)
Odor	Mild when wet. None when dry.	Physical State	paste

### SECTION 9: STABILITY AND REACTIVITY

**Hazardous Polymerization:** Will not occur.

**Stability:** Stable under normal conditions.

**Incompatibility:** Products may react violently with products that react with water.

### SECTION 10: TOXICOLOGICAL INFORMATION

No data available at this time.

### SECTION 11: ECOLOGICAL INFORMATION

No data available at this time.

### SECTION 12: DISPOSAL CONSIDERATIONS

Dispose of in accordance with all Local, State, and Federal Regulations.

### SECTION 13: TRANSPORTATION INFORMATION

**DOT Hazard Classification:** none

### SECTION 14: REGULATORY INFORMATION

Nonflammable as a latex compound.

SARA Title III, Section 313: Reporting not required

SARA 312: Reporting not required

### SECTION 15: OTHER INFORMATION

The information accumulated and reflected in this Material Safety Data Sheet is believed to be accurate but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

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