



# HEALTHYSEAL™ 500 TECHNICAL DATA

<p><b>Thermal Properties</b></p> <p>Standard:..... ASTM C177          Result:..... “R” 3.6          ..... “K” .27</p>	<p><i>HealthySeal™ Spray Foam Insulation products cannot be judged by “R” value alone. Unlike air permeable traditional insulation products, HealthySeal™ is not affected by air infiltration, convection, settling, sagging, or permanent damage due to water infiltration. HealthySeal™ will not “breakdown” in the walls nor is it a source of food for insects, mold or rodents.</i></p>
<p><b>Water Vapor Permeance</b></p> <p>Standard:..... ASTM E96          Result:..... 13 perms @3”</p>	<p><i>HealthySeal™ Spray Foam insulation is water vapor permeable and so will not entrap water in the substrate to which it is applied. It will not wick water. Moisture present will be removed by gravity with no loss of “R” Value.</i></p>
<p><b>Burn Characteristics</b></p> <p>Class:..... 1          Standard:..... ASTM E84          Results: ..... Flame Spread &lt;20          ..... Smoke Dev &lt;400</p>	<p><i>HealthySeal™ Spray Foam Insulation adds no fuel to support a flame. Once the source of ignition is removed HealthySeal™ will “snuff” out without melting or dripping.</i></p>
<p><b>Dimensional Stability</b></p> <p>Standard:..... ASTM D 2126-99          Results Dry Heat % Change: ..... 0.32%          Results Humid Heat % Change:.....1.4%</p>	<p><i>HealthySeal™ Spray Foam Insulation will not settle, sag, or breakdown over time. It will not entrap water. It contains no HCFC’s, CFC’s, Formaldehyde, or VOC’s which can off gas and effect dimensional stability and indoor air quality.</i></p>
<p><b>Acoustic Properties</b></p> <p>Standard:..... ASTM E90          Results: Sound Transmission Class:..... 37          Noise Reduction Coefficient:..... 70</p>	<p><i>HealthySeal™ Spray Foam Insulation Completely seals small openings in walls ceilings and floors around windows doors plumbing and electrical outlets providing the air sealing necessary to control sound transmission within the structure. It also reduces sound resonance for a quieter more peaceful living space.</i></p>

**General Instructions:** Any persons who come directly in contact with any opened chemical containers should read and understand the safety instructions provided with the shipment including the Material Safety Data Sheet (MSDS). If these safety instructions are lost or otherwise unavailable please contact MULTIFOAM for a replacement.

**Protective Equipment:** The "A" component is a polymeric Isocyanate and may cause sensitizing, allergic reaction. The best form of protection against sensitizing is a FRESH AIR SUPPLY. Fresh Air Equipment is available from several manufacturers including 3M and MSA. For minimum protection an organic vapor canister style respirator should be worn. To prevent physical contact with the product wear fabric coveralls and fabric or nitrile gloves, full face respirators, and protective goggles.

**Aerosol and Vapor:** Inhalation problems are characterized by coughing shortness of breath or tightness of chest. Anyone exhibiting these symptoms shall be immediately removed from the workplace and administered oxygen or fresh air. IF the condition is prolonged or extreme, SEEK IMMEDIATE PROFESSIONAL MEDICAL ATTENTION!

**Skin Contact:** Contact with liquid components can result in a rash or other skin irritation. Wash the affected area with soap and water. Wipe residual liquid with a clean soft cloth followed by washing with soap and water. If rash or other irritation develops CONSULT A PHYSICIAN

**EYE CONTACT WITH LIQUID OR SPRAYED COMPONENTS CAN RESULT IN IRRITATION. UPON EXPOSURE FLUSH THE EYES WITH WATER FOR AN EXTENSIVE PERIOD. SEE A PHYSICIAN.**

**Warning:** The use of Polyurethane foams may present an unreasonable fire risk in certain applications unless the foam is protected by an approved fire-resistant fifteen minute fire barrier. Refer to all Local, State and Federal Building Codes.

MultiFoam, LLC warrants that the physical properties of the product meet or exceed the numbers listed under Technical Specifications. Further testing and product development are ongoing. Results will be listed in the latest product specification literature.

The information herein is believed to be reliable but unknown risks may be present. MultiFoam, LLC warrants only that the material shall be of merchantable quality. MultiFoam, LLC expressly disclaims any warranty of fitness for particular application or purpose or from freedom of patent infringement. Buyer assumes all risk as to the use of the material for specific purpose and buyers exclusive remedy as to any breach of warranty claim shall be limited to the price of the materials.

**FAILURE TO FOLLOW RECOMMENDED PROCEDURES SHALL RELIEVE MULTIFOAM, LLC OF ANY LIABILITY WITH RESPECT TO MATERIALS OR USE THEREOF.**