



HEALTHYSEAL™ I700FR

TECHNICAL DATA

HS 1700FR is a two component Polyurethane Spray Foam System water blown without the use of CFC's or HCFC's and available in several reactivity profiles and densities formulated for use where fire retardant materials are desired.

Typical uses for the properties exhibited by HS 1700FR Spray Foam System are: Insulation of building walls, decking, refrigerated storage areas, tanks, and crawlspaces.

Physical Property	Methodology	Results
Flame Spread/Smoke Dev	ASTM E-84	25 / 400
"R" Value Initial/Cured	ASTM C-177	6.7 / 6
Compressive Strength	ASTM D-1621	23 PSI
Perm Rating	ASTM C-355	1.4

Summer	Fall	Winter	Arctic*	Spring
85 °F – 100 °F	60 °F – 70 °F	50 °F – 60 °F	40 °F – 50 °F	70 °F – 85 °F

*Arctic grade foam available for cold weather applications is subject to varying skin textures and yields.

Storage: Components "A" and "B" should be stored in their original unopened containers at temperatures between 65 °F and 80 °F. Shelf life under these conditions is approximately 6 months.

Equipment: Airless Proportioning equipment as manufactured by Glas-Craft, Graco, Gusmer, and Binks which mix the required 50 parts "A" to 50 parts "B" by volume (1:1) while maintaining materials temperatures between 100°F and 140 °F is necessary. Optimum spray temperatures and pressures will vary depending on substrate, ambient temperature and humidity levels. Please refer to MultiFoams HealthySeal 1700 Processing Instruction literature for specific processing parameters.

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 MultiFoams 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.

MultiFoams, 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. MultiFoams, LLC warrants only that the material shall be of merchantable quality. MultiFoams, 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 MultiFoams, LLC OF ANY LIABILITY WITH RESPECT TO MATERIALS OR USE THEREOF.