



## TECHNICAL DATA

## HSF 118-N-1.8-18S-GREEN

**PRODUCT DESCRIPTION:** The HSF 118-N-1.8 Polyurethane, rigid foam system is designed for molding and void filling applications. The product can be designed to meet a variety of reactivity requirements without sacrificing product quality.. The unique handling characteristic of the HSF 118-N-1.8 series system provides for ease of mixing by hand or machine and produces a uniform product with excellent cell structure. This product does not contain HCFC-141b.

### PHYSICAL PROPERTIES:

PROPERTY	TEST METHOD	RESULTS	
		COMP A	COMP B
VISCOSITY, CPS @ 74°F	ASTM D-1638	150	450-700
LIQUID DENSITY LBS/GAL.		10.24	9.83
SP. GR. @74°F	ASTM D-1638	1.23	1.20

### REACTIVITY PROFILE:

PROPERTY	TEST METHOD	RESULTS
TESTED @ 74°F		
CREAM TIME, SECS.		18-22
RISE TIME, SECS.		110-140
DEMOLD TIME, MINS.		10 - 25
RATIO, PARTS BY WEIGHT		<b>COMP A: 50 / COMP B: 50</b>

PROPERTY	TEST METHOD	RESULTS
DENSITY LBS/FT. <sup>3</sup> :	D-1692	1.8
COMPRESSIVE STRENGTH PSI	D-1621	
PARALLEL		22
PERPENDICULAR		18
TENSILE STRENGTH PSI:	D-1623	50
SHEAR STRENGTH PSI:	C-273	32
CLOSED CELL CONTENT	D-2856	95 MIN

## **STORAGE:**

**COMPONENT A (ISOCYANATE):** THE ISOCYANATE MUST BE STORED IN TIGHTLY SEALED CONTAINERS AND PROTECTED FROM MOISTURE. THE MATERIAL SHOULD BE STORED AT TEMPERATURES ABOVE 65°F.

**COMPONENT B (POLYOL):** THE POLYOL IS HYGROSCOPIC (MOISTURE ABSORBENT). KEEP CONTAINERS SEALED TO PREVENT MOISTURE ABSORPTION. STORE MATERIAL AT TEMPERATURES BELOW 90°F.

**SAFETY INFORMATION:** MATERIAL SAFETY DATA SHEETS ARE SENT WITH EACH SHIPMENT OF MASTER PACK'S PRODUCTS. THESE DATA SHEETS SHOULD BE READ AND UNDERSTOOD BY ALL PERSONNEL WHO WILL COME IN CONTACT WITH THE PRODUCT BEFORE THE CONTAINERS ARE OPENED. SHELF LIFE OF MATERIAL IS 6 MONTHS FROM MANUFACTURING DATE. IF THE SAFETY DATA SHEETS ARE LOST OR YOU REQUIRE ADDITIONAL DATA SHEETS, PLEASE CONTACT MASTER PACK @ 949-487-2068 AND REPLACEMENTS WILL BE SENT. READ CAREFULLY.

**WARRANTY:** The information herein is believed to be accurate and reliable as of the date of issuance, but is subject to change without prior notice. It is up to the User to contact MASTER PACK to verify the correctness prior to ordering or specifying this product. MASTER PACK warrants this product for merchantable quality only, does not warranty against unknown risks that may or may not be present, nor do we assume any responsibility for coverage, performance, or injuries resulting from the use of this product. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY MASTER PACK EXPRESS OR IMPLIED, STATUTORY, BY OPERATION OR LAW, OR OTHERWISE, INCLUDING MARKETABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Failure to strictly adhere to recommended procedures shall relieve MASTER PACK of all liability with respect to the product or the use thereof. The buyer assumes all risks whatsoever as to the use of these products and the Buyer's exclusive remedy as to any breach of warranty or negligence claim shall be limited to the purchase price of the materials and agrees that any and all litigation proceedings shall be according to the laws of California and shall be filed in the County of Riverside, CA. Each person, firm, or corporation engaged in the application, installation, disposal or any other use of any of these products shall carefully determine whether there is a potential hazard associated with such product in a specific usage, and utilize all appropriate precautionary and safety measures as outlined in Local, State and Federal regulations governing the use or disposal of these products or the construction and/or renovation of structures.

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