



The GENFOAM™ family of products are fully formulated, water-blown rigid polyurethane foam systems for pour-in-place and molded foam applications.

Structural, insulation, flotation, acoustic attenuation, water vapor barrier and vibration dampening.

Genfoam™ (2.0 pcf) meets the requirements of 33CFR §183.114 US Coast Guard Test of Flotation Materials (MILSPEC-P-21929B).

Non-Pressurized – IBCs/totes, drums, pails and kits.
Pressurized – Vessels.
Bulk – Railcars, tankers and isotainers.

SLUG, FLUSH, hand mix, high-pressure pump metering, low-pressure metering, air, electric and hydraulic proportioners.

[illegible]

TYPE	Genfoam	HD3	HD4	HD6	HD8	HD10	HD12	HD16	HD20
Cream Time, seconds	35	35	40	40	40	40	40	40	40
String Gel Time, seconds	100	100	100	100	100	100	100	100	100
Free Rise Density, kg/m ³ (lbs/ft ³)	32 (2.0)	48 (3.0)	64 (4.0)	96 (6.0)	128 (8.0)	160 (10)	192 (12)	256 (16)	320 (20)

[illegible]



LIMITATIONS AND HAZARDS:

Final foam product must be protected from weathering, physical deterioration. Final product should not be continuously exposed to temperatures $\geq 107^{\circ}\text{C}$ (225°F). Applications of excessive thickness should not occur as the exothermic reaction may lead to spontaneous combustion, excessive pressure, or thermal expansion from the significant heat developed in the foaming reaction. Use only in well-ventilated areas or with appropriate respiratory equipment. Consult SDS for specific details.

SAFETY:

When working with any chemicals it is necessary to wear eye protection and gloves. It is necessary to understand hazards involved in handling all components, establish and follow safe work procedures, and comply with all OSHA, DOT, and EPA Regulations. Refer to SDS for specific details. All persons who work with components must know and follow proper safe handling procedures.

SHELF LIFE:

Six (6) months from date of manufacture when stored in original, unopened, containers at temperatures between $65-80^{\circ}\text{F}$. Consult with FSI before disposal or return if components exceed shelf life.

HANDLING:

As with all chemicals, care should be exercised when handling. Avoid contact with eyes, skin, and clothing. Eye protection and gloves are considered a minimum requirement and should be worn at all times while working with components. Refer to SDS for specific details regarding handling requirements.

STORAGE:

Do not store in direct sunlight. Containers should be stored under cover and protected from contact with rain or snow. Water should not be able to accumulate where it can be drawn into the containers. Ideal storage temperatures are 50°F (10°C) to 75°F (24°C). Keep containers sealed until use. Refer to SDS for further information or contact FSI for assistance.

STEWARDSHIP:

FSI and its subsidiaries are committed to stewardship and have a concern for the health and safety of all individuals who come in contact with its products, as well as the environment. This philosophy is a foundation on which we assess information to appropriately protect individuals and preserve our environment. Success of stewardship rests with each and every individual involved in the cradle to grave life cycle of our products.

CUSTOMER RECOMMENDATIONS:

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