



SOLID SOLUTION PRODUCTS, INC.

FOAM-CFS

TECH DATA

Previously Named SSP-EXF

Expansive High-Density Foam Concrete Floor Stabilizer

1. PRODUCT NAME FOAM-CFS

2. MANUFACTURER

SOLID SOLUTION PRODUCTS, INC.

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3. PRODUCT DESCRIPTION

FOAM-CFS is a hydrophobic polyurethane foam system providing high compressive strength rigid foam. This product does not contain any CFC blowing agent or other ozone depleting chemicals.

This product is designed for filling voids under concrete floor slabs subject to rocking or deflection from loads moving across the floor joints.

4. PACKAGING AND COLOR

FOAM-CFS is packaged in

- 600ml Cartridge
- 1500ml Cartridge
- 10 Gallon Kit

5. TECHNICAL PROPERTIES

Mix Ratio by Volume..... 1A:1B
Density, ASTM D-16387.5
Compressive Strength, ASTM D-1621..... 280psi
Tensile Strength, ASTM D-1623..... 240 psi
Shear Strength, ASTM D-273 130 psi
Cream Time at 74°F (24°C),50-70 sec
Rise Time at 74°F (24°C),150-200 sec
Demold Time at 74°F (24°C),5-10 min.
Expansion Rate Normal.....5:1

6. INSTALLATION

Pre-determine where the concrete joints deflects by driving a loaded vehicle (forklift) across joint or by sounding of the floor.

Use a hammer drill with a 3/4" masonry bit and drill only 5 to 6 holes 12 inches apart into the joint to the depth of the concrete floor. Begin with the middle holes using a cartridge or a pump insert the static mixer into hole and inject a predetermined volume of foam.

Wait 5 minutes allowing foam to expand to adjacent holes. If large amount of foam raises through adjacent

hole decrease amount of foam that is injected or space holes further apart. If no foam rises in adjacent hole increase volume until it does. Ideally expanded foam coming up through the floor should be about the size of a softball.

Once volume or spacing of the holes are determined additional holes may be drilled. Injecting of the foam can continue. **IMPORTANT:** continuously monitor the amount of foam rising from each hole making adjustments if needed.

6. COVERAGE RATES

The volume needed vary depending on the size of the voids. A test area is recommended to help estimate product need.

7. SAFETY & CLEAN-UP CONTINUED

This product for professionals use only. Read SDS before using. Cured product may be disposed of without restriction. Check local, state and federal laws before disposing of material.

9. LIMITATIONS

Do not dilute under any circumstances. Allow material to cure for one hour after installation before placing area back into service.

10. WARNING

This product contains Isocyanates and Curatives. Read SDS before using.

11. WARRANTY

Solid Solution Products, Inc. will refund the price of or replace, at its election, product it finds to be defective provided the product has been used properly. Except as expressly stated above, the company makes no warranty of merchantability and no warranty of fitness for any particular purpose, nor does it make any warranty, expressed or implied, of any nature whatsoever with respect to the product or its use. In no event shall the company be liable for delay caused by defects, for loss of use, for indirect, special or consequential damages, or for any charges or expenses of any nature incurred without its written consent.