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Product Description Sheet

Fixmaster® Flexible Joint Sealant

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PRODUCT DESCRIPTION

LOCTITE® Fixmaster® Flexible Joint Sealant is a two-component polymer hybrid designed to provide a resilient filler for expansion joints. This product provides excellent tensile strength while offering flexural strength and elongation under dry service temperatures of -23° to +82°C (-10° to +180°F).

Advantages:

- 100% Solids, No solvents
- Excellent adhesive strength and flexibility
- Pourable
- High chemical resistance
- Cures to a natural, un-pigmented color
- Available in 1 gallon kits

PROPERTIES OF UNCURED MATERIAL

Feature	Typical Value
V.O.C. – volatile organic content, lb./gal	0
Volume of solids, %	100
Viscosity, cps	17,000
Work Life, minutes	30
Coverage, in ³ /gal	231
Mix Ratio by volume	1:1
Full Cure, days	5 @50% RH
Application Temperature, °F	55 to 100

RECOMMENDED USEAGE & APPLICATIONS

Linear Feet per Gallon Chart
Width of Joint

Depth of Joint	1/4"	3/8"	1/2"	5/8"	3/4"	7/8"	1"
1/4"	308	205	154	123	102	88	77
3/8"		136	102	82	68	58	51
1/2"			77	61	51	44	38
5/8"				49	41	35	30
3/4"					34	29	25
7/8"						25	22
1"							19

Typical applications included:

- Expansion Joints
- Warehouses
- Production facilities
- Utility Rooms
- Shipping & Receiving Areas

DIRECTIONS FOR USE

Surface Preparation:

- Surfaces must be sound, clean and dry. Remove all oils, grease, previous caulking and coatings prior to application. Insert a backer rod into the joint, leaving approximately 1" from the top of the backer rod to the top of the joint. To ensure adequate joint elasticity, the depth of the material should not exceed twice the width. Tape off the joint up to the edge on either side.

Mixing:

Premix both components prior to mixing them together. Thoroughly mix equal parts of A & B using a Jiffy® mixing blade or equal. Mix until uniform color is achieved.

Application:

Pour mixture slowly into the joint, allowing the material to settle. A second application may be necessary if the material settles too much. Smooth and level the joint with a putty knife or trowel and remove tape. Allow 24 hours before opening to traffic.

GENERAL INFORMATION

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant for chlorine or other strong oxidizing materials.

For safe handling information on this product, consult the Material Safety Data Sheet, (MSDS)

Storage

Product shall be ideally stored in a cool, dry location in unopened containers at a temperature between 8°C to 28°C (46°F to 82°F) unless otherwise labeled. Optimal storage is at the lower half of this temperature range. To prevent contamination of unused product, do not return any material to its original container. For further specific shelf life information, contact your local Technical Service Center.

Data Ranges

The data contained herein may be reported as a typical value and/or range. Values are based on actual test data and are verified on a periodic basis.

Note

The data contained herein are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any production methods mentioned herein and to adopt such precautions as may be advisable for the protection of property and of persons against any hazards that may be involved in the handling and use thereof. In light of the foregoing, **Henkel Corporation specifically disclaims all warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose, arising from sale or use of Henkel Corporation's products. Henkel Corporation specifically disclaims any liability for consequential or incidental damages of any kind, including lost profits.** The discussion herein of various processes or compositions is not to be interpreted as representation that they are free from domination of patents owned by others or as a license under any Henkel Corporation patents that may cover such processes or compositions. We recommend that each prospective user test his proposed application before repetitive use, using this data as a guide. One or more United States or foreign patents or patent applications may cover this product.