



PolyVers International
 87 Shawnee Avenue
 Kansas City, KS 66105
 (913) 321-9000
 (913) 321-1490 (fax)

Product Data Sheet

SL/75 Joint Filler

USGBC LEED, EQ Credit 4:
 Low – emitting VOC Compliant Materials

Product Description- *PolyVers SL/75* is a self-leveling, 100% solids, flexible, two component, rapid curing polyurea elastomer joint filler. Designed for 10- 15% movement of installed joint width. Recommended time of cure of concrete minimum 30 days prior to installing joint filler or joint sealant.

Uses- *PolyVers SL/75* is used to fill interior random cracks, control joints or new construction joints on horizontal concrete surfaces. *PolyVers SL/75* is designed specifically for industrial floor applications receiving heavy vehicle traffic, such as forklift or steel wheeled carts. **SL/75** is flexible, accommodating small slab movement yet strong enough to protect the vertical edges of concrete from spalling under extreme loading. **SL/75** can be used in exterior applications where little joint or crack movement from thermal cycling will occur. **SL/75** is recommended for repair of cracks, damaged control joints or new construction joints in cold storage facilities, freezers, and food processing plants where time and temperature are serious concerns.

Ideal for Applications In-

- Industrial Facilities
- Roofing
- Cold Storage Facilities
- Food Processing Facilities
- Freezers
- Airports
- Prisons
- Traffic Loops

Advantages-

- **100% Solids, No VOC's**
- Flexible, 460-500% Elongation
- Remains Flexible in Cold Temperatures
- Cures From -20°F to 200°F+
- Odorless, No Toxic Vapors
- USDA/FSIS/CSA Approved
- CFIA Approved
- Resists Jet Fuel

Physical Properties-

Property	Test Method	Typical Value
VOC	ASTM D3960	Zero
Solids Content		100%
Pot Life		<1 Minute
Tack Free		2 – 3 minutes
Initial Cure		60 Minutes
The following properties are typical after maintaining cured product at 70 – 77°F for seven days:		
Tensile Strength (psi)	ASTM D638	600 – 1200
Tensile Elongation (%)	ASTM D638	240 – 500
Elastic Modulus	ASTM D638	400 – 900
Tear Strength (lb/in)	ASTM D624	150 – 250
Shore (A) Hardness	ASTM D2240	≥ 75
Taber abrasion, mg wt loss (1000 g, 1000 revs, H-18)	ASTM D4060	375 - 500

Limitations- **SL/75** should not be used to fill exterior cracks, control joints, or construction joints if deck or slab movement from thermal cycling is expected. See *PolyVers* specification: **Low Temperature Joint Filler** for applications below 4°C (40°F).

SL/75 is an aromatic based polyurea. Discoloration from exposure to ultraviolet light may occur, however the physical properties are unaffected.

Coverage Rates-

Linear Feet Per Gallon: Theoretical

Inches	1/4	1/2	3/4	1
1/4	308	154	103	72
1/2	154	77	51	38
3/4	103	51	34	26
1	72	38	26	19

Linear Feet Per 600ML Cartridge: Theoretical

Inches	1/4	1/2	3/4	1
1/4	53	27	18	13
1/2	27	13	9	7
3/4	18	9	6	4
1	13	7	4	3

Packaging-

- One Hundred Ten Gallon Kit: 55 gallons of 'A' side and 55 gallons of 'B' side. Drum containers filled by weight, volume is closely approximate.
- Ten Gallon Kit: 5 gallons of 'A' side and 5 gallons of 'B' side.
- Six Hundred ML Cartridge: 300ML of 'A' side and 300ML of 'B' side packaged as a duplex cartridge. Ten cartridges per case.

Mixing-

Machine Dispensing:

Use 1:1 ratio pump, with or without heater as required for individual application. Low -pressure spray head should be used for ambient cure spray applications. For information contact **PolyVers** or your local dealer.

Colors- Standard color is charcoal gray, light gray, or black. Other colors available upon request. Consult **PolyVers**.

Shelf Life- One year, in original, unopened factory containers, under normal storage conditions of 13°C (55°F) to 35°C (95°F). Protect from freezing.

Clean Up- Cured product may be disposed of without restriction. Excess liquid 'A' and 'B' material should be mixed together and allowed to cure, then disposed of in the normal manner. Product containers that are "drip free" may be disposed of according to local, state and federal laws.

Safety- Read Material Safety Data Sheets provided with all shipments. Additional copies are available upon request from **PolyVers** or your local dealer.

Basic safety for personal protection is:

- Long-sleeve overalls or disposable Tyvex overalls.
- Rubber gloves.
- Splash shield or safety glasses with splash guards.
- Rubber or leather boots.
- Do not use near high heat or open flame.
- Do not take internally.
- Keep out of the reach of children.

Preparation and Installation- Regard **PolyVers** specification: **Polyurea Joint Filler**, for detailed joint preparation and installation procedures. Regard **PolyVers** specification: **Low-pressure polyurea spray application**, for detailed preparation and installation procedures.

Technical Services-Sales and Customer Support (913) 321-9000

Warranty- **PolyVers International** 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.