



VersaFlex Incorporated
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Product Data Sheet

NS/45 Non Sag Spray & Sealant

Product Description- *VersaFlex NS/45* is a medium set, medium curing, 100% solids, flexible, two-component elastomer spray and sealant material. **NS/45** is a polyurea that is applied directly to the desired substrate. **NS/45** quickly builds viscosity into a sticky consistency allowing excellent adhesion. Initial set takes place within minutes, allowing subsequent coats to be placed quickly. **NS/45** is suitable for applications well below freezing. **NS/45** is inert, and will not hydrolyze, leach, or contaminate other materials. **NS/45** is relatively moisture and temperature insensitive, allowing application in the most problematic ambient conditions.

Uses- *VersaFlex NS/45* is a superior spray and sealant material. **NS/45** is flexible, accommodating movement of the substrate, yet strong enough to remain intact under all conditions except major structural dislocations.

Advantages-

- 100% Solids, Meets VOC Regulations
- Flexible, 1000% Elongation
- Excellent Thermal Stability
- Heat of Deflection 250°F, no load
- Glass Transition Temperatures -85°F and 450°F
- Good Resistance to a Wide Range of Chemical Attack
- Non-catalysed, Non-reactive
- Low Permeance Rate
- Seamless Elastomer
- Remains Flexible in Cold Temperatures
- Cures From -20°F to 225°F
- Odorless, No Toxic Vapors

Physical Properties-

<u>Cured Film Properties</u>	<u>Test Method</u>	<u>Typical Value</u>
Solids Content		100%
Shore A Hardness	ASTM D2240	38A
Elongation	ASTM D638	1000%
Tensile Strength, psi	ASTM D638	380
100% Modulus, psi	ASTM D638	85
300% Modulus, psi	ASTM D638	145
Tear Strength, pli, Die C	ASTM D624	95
Moisture Vapor Transmission, perms	ASTM E96	0.025
Gel Time		10 Seconds
Tack Free		1 Minute

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.

Mixing-

NS/45 must be applied using approved equipment. Use 1:1 ratio pump, with appropriate material heaters, as required for individual application. For information contact **VersaFlex** or your local dealer.

Colors- Standard color is charcoal gray. Other colors available upon request. Consult **VersaFlex**.

Shelf Life- One year, in original, unopened factory containers, under normal storage conditions of 55°F to 95°F.

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 **VersaFlex** 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- Reference **NS/45** Spray and Sealant specifications for detailed preparation and installation procedures. Substrate priming is not required on all substrates. Consult **VersaFlex** for recommendations.

Technical Services-Sales and Customer Support (800) 870-8842

Warranty- **VersaFlex Incorporated** 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.