



PRODUCT DATA SHEET

Sikaflex® Primer-449

PRIMER FORMULATED TO PROMOTE ADHESION OF SIKAFLEX® URETHANE SEALANTS TO POROUS SUBSTRATES

PRODUCT DESCRIPTION

Sikaflex® Primer-449 is designed to promote adhesion to porous substrates such as porous PVC, solvent-based enamel, PPG's fluorocarbon Duranar-finish, and certain plastics such as ABS and Plexiglass. Not designed for applications on concrete or cementitious surfaces.

USES

Most substrates only require a primer if testing shows a need for it, or where the sealant will be subjected to immersion conditions after cure. Certain substrates require a primer under all conditions.

CHARACTERISTICS / ADVANTAGES

- Single-component, ready to use.
- Easily applied by brush, dauber, or spray.

PRODUCT INFORMATION

Packaging	1 pint cans; Case of 6
Shelf Life	6 months in original, unopened containers.
Storage Conditions	Sikaflex® Primer-449 shall be stored in dry conditions, protected from direct sunlight. Store between 40°F - 95°F (4°C - 35°C)
Color	Clear

APPLICATION INFORMATION

Coverage	Following are average coverages, depending on porosity of substrate: Sikaflex Primer 449 Coverage per pint (Liner ft. 1/2" x 1/2" joint): 300-500 linear ft.
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BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

LIMITATIONS

- Primer should not be used if it starts to gel in container.
- Protect Sikaflex primers from moisture. Once container has been opened, use contents immediately.
- Do not attempt to use partial containers.
- Do not reseal or reuse. Resealing may cause moisture contamination and gelling.

Caution:

Flammable; Irritant; Sensitizer - Contains aromatic polyisocyanate, xylene, PGMEA, TDI. May cause skin/eye/respiratory irritation. May cause skin and/or respiratory sensitization after prolonged or repeated contact. Avoid contact. May cause headaches, dizziness or other CNS effects. TDI is a suspect carcinogen (IARC, NTP). Use only with adequate ventilation. Use of safety goggles and chemical resistant gloves is recommended. In case of exceedance of PELs, use an appropriate, properly fitted NIOSH approved respirator. Remove contaminated clothing. Keep away from heat, sparks, and open flames.

First-Aid:

In case of skin contact, wash immediately and thoroughly with soap and water. If symptoms persist, consult physician. For eye contact, flush immediately with plenty of water for at least 15 minutes; contact a physician. For respiratory problems, remove person to fresh air; if symptoms persist, consult physician. In case of ingestion, consult a physician immediately- methanol is a poison. Remove contaminated clothing.

ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

APPLICATION INSTRUCTIONS

Substrate	Primer Required	Recommended Primer
Solvent-based Enamel	Yes	449
PPG Fluorocarbon	Yes	449
Duranar	Yes	449
Kynar	Yes	449
PPG Polycron	Yes	449
PVC	Yes	449
ABS	Yes	449
Plexiglass	Yes	449
Plexiglass DR	Yes	449
Lucite	Yes	449
Rovel Plastic	Yes	449
Tuffak	Yes	449
Polyester/Fiberglass	No	449
Urethane Rubber	Yes	449

SUBSTRATE PREPARATION

The key to good bonding with Sikaflex sealants/primers is surface preparation. Specifically, all surfaces must be dry and free of dirt, grease, mold release agents, loose mortar, laitance, and any foreign matter. If the joint contains old sealant, it and all extraneous material must be removed and the substrate cleaned by mechanical means. Apply primers at substrate temperatures of 40°F and rising. Surface must be frost free.

APPLICATION METHOD / TOOLS

Shake or stir primer well before using. Apply to dry, clean, oil free surface with a brush, dauber or spray.

Dry time before installing sealant:

> 30 min. <8 hrs.*

CLEANING OF TOOLS

In case of spill or leaks, wear suitable protective equipment, contain spill, collect with absorbent material, and transfer to suitable container. Ventilate area. Avoid contact. Dispose of in accordance with current, applicable, local, state and federal regulations.

OTHER RESTRICTIONS

See Legal Disclaimer.

LEGAL DISCLAIMER

- KEEP CONTAINER TIGHTLY CLOSED
- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION
- FOR INDUSTRIAL USE ONLY
- FOR PROFESSIONAL USE ONLY

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates ("SIKA"), the user must always read and follow the warnings and instructions on the product's most current product label, Product Data Sheet and Safety Data Sheet which are available at usa.sika.com or by calling SIKA's Technical Service Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/or buyer's sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.**

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