

PRODUCT DATA SHEET

Sikaflex® Primer-449

SIKAFLEX PRIMERS ARE SPECIAL MATERIALS FORMULATED TO IMPROVE THE BOND OF SIKAFLEX URETHANE SEALANTS WHEN APPLIED TO SPECIFIC SUBSTRATES.

PRODUCT DESCRIPTION

Sikaflex® Primer-449 is used to promote adhesion to pvc, solvent-based enamel, PPG's fluorocarbon Duranar-finish, and certain plastics such as ABS and Plexiglass.

USES

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

CHARACTERISTICS / ADVANTAGES

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

PRODUCT INFORMATION

Packaging	Sikaflex 449 primers are available in pints, 6/carton.
Color	Clear
Shelf Life	6 months in original, unopened containers.
Storage Conditions	Sikaflex® Primer-449 shall be stored in dry conditions, where it is protected from direct sunlight and at temperatures between +40°F and +95°F (+4°C and +35°C).

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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APPLICATION INSTRUCTIONS

<u>Substrate</u>	<u>Primer Required</u>	<u>Recommended Primer</u>
Acrylic Latex	Yes	449
Emercoat 33	Yes	449
DeSoto Fluoropon	Yes	449
PPG Duracon S600	Yes	449
Solvent-based Enamel	Yes	449
PPG Fluorocarbon	Yes	449
Duramar	Yes	449
PPG Polycron	Yes	449
Kynar	Yes	449
PVC	Yes	449
ABS	Yes	449
Plexiglass	Yes	449
Plexiglass DR	Yes	449
Lucite	Yes	449
Robel 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.

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.

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.

OTHER RESTRICTIONS

See Legal Disclaimer.

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.

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.

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