



PRODUCT DATA SHEET

Hydrotite Adhesive

NEOPRENE HIGH PERFORMANCE CONTACT ADHESIVE

PRODUCT DESCRIPTION

Hydrotite Adhesive can be used to bond Sika® Hydrotite® swellable rubber waterstop profiles to hardened, cured concrete, steel, and many other smooth surfaces.

USES

For use in adhering Hydrotite Adhesive to smooth and dry surfaces.

CHARACTERISTICS / ADVANTAGES

- Long bonding range
- Excellent initial strength
- High heat resistance
- Hydrotite Adhesive meets the specification requirements of MMM-A-121 and MIL-A-21366A

PRODUCT INFORMATION

Packaging	4 gal./carton; 12 qts./carton
Appearance / Color	Gray/Green, Light Yellow
	Base: Polychloroprene
Shelf Life	When stored at the recommended conditions in the original, unopened container, Hydrotite Adhesive has a shelf life of 15 months.
Storage Conditions	Store product at 60-80°F (16-27°C) for maximum storage life. Higher temperatures can reduce normal storage life. Lower temperatures can cause increased viscosity of a temporary nature. Rotate stock on a "first in-first out" basis. Conditioning: For best results the temperature of the adhesive and surfaces to be bonded should be at least 65°F (18°C). If stored below 30°F (-1°C), warm-up to room temperature in a warm room only (do not exceed 120°F (49°C) followed by thorough agitation).
Density	Solids content (by wt.): 23-27% Net weight (approx.): 6.6-7.0 lbs./gal.
Dimensions	Brookfield Viscometer: RVF #2 Sp. @ 20 rpm @ 80°F (27°F)

APPLICATION INFORMATION

Coverage

Coverage (approx.) @ 2.5 gms (dry wt.)/ft²: 308 ft² per gallon

Curing Rate

Adhesive dries to a tacky condition in about 10 minutes. High humidity will slow drying while high temperatures will speed drying.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

Remove all dust, dirt, oil, grease, wax, loose paint, etc. When applying to surfaces other than concrete, wiping with solvent such as Methyl Ethyl Ketone (MEK) will aid in preparing the surface for bonding*.

*When using solvents, extinguish all ignition sources, including pilot lights, and follow the manufacturer's precautions and directions for use. Strictly follow solvent manufacturer's warnings and instructions for use.

Mixing: Stir or agitate well before using for optimum results.

APPLICATION METHOD / TOOLS

Suggested Application Method(s): Spray, brush, roll or flow

Apply Sika® Hydrotite® Adhesive onto the substrate to which the Sika® Hydrotite® waterstop profile will be bonded. Application of Sika® Hydrotite® Adhesive should be slightly wider than the Sika® Hydrotite® waterstop profile being used. Then apply Sika® Hydrotite® Adhesive onto the Sika® Hydrotite® waterstop profile on the surface to be bonded to the substrate. Sika® Hydrotite® Adhesive is most easily applied with a brush or roller designed for use with oil-based paints.

Drying Time: The adhesive dries in about 10 minutes. High humidity will slow drying while high temperatures will speed drying. This adhesive has a bonding range of approximately 30 minutes when applied to both bond surfaces under conditions of 70°F (21°C) and 35% R.H. If the adhesive becomes too dry, apply another thin coat of adhesive to one surface, allow to become slightly tacky, and bond.

Relative humidity above 50% can cause blushing (condensation of moisture on surface) and a false bond. To avoid this, we recommend a force drying temperature of 180-220°F (82-104°C). Force drying will also help remove the solvent more rapidly.

Removal:

Removal of Sika® Hydrotite® Adhesive from inadvertently exposed surfaces (excluding concrete) can be achieved using Methyl Ethyl Ketone (MEK). Strictly follow solvent manufacturer's warnings and instructions for use.

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.

DIRECTIVE 2004/42/CE - LIMITATION OF EMISSIONS OF VOC

Flash point (T.C.C.): -14°F (-26°C)

Solvent: Petroleum distillate, acetone, MEK, toluene, n-hexane

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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