

Sika® Aktivator UH-2 LUM

Detectable activation agent

Technical Product Data (typical properties)

| | |
|---|--|
| Chemical base | Solvent-based adhesion promoter |
| Color | Transparent in appearance Clear, yellow, or amber in color |
| Density (CQP ^a 006-3 / ISO 2811-1) | 0.94 kg / liter (7.8 lb. / gal.) |
| Flash point (CQP 007-1 / ISO 13736) | -13°C (8.6°F) |
| Application temperature | 5 to 35°C (41°F to 95°F) |
| Application | "Wipe on / wipe off" with a clean, lint-free paper towel |
| Consumption | 30 to 60 ml / m ² (0.10 to 0.20 fl. oz. / ft ²) |
| Flash-off time ^b | ≥ 15°C (60°F) 10 min < 15°C (60°F) 30 min maximum 2 hours |
| Storage | Store in sealed container in a cool dry place at ≤ 25°C (77°F) |
| Shelf life (storage at or below 77°F (25°C)) | 12 months |

^{a)} CQP = Corporate Quality Procedure

^{b)} In specific applications temperature and drying time may be different

Description

Sika® Aktivator UH-2 LUM is a moisture-sensitive, activating agent designed to improve adhesion. It is specifically formulated for the treatment of bond faces prior to the application of various Sikaflex® and SikaTack® polyurethane adhesives. Sika® Aktivator UH-2 LUM does fluoresce under long-wave UV light.

Sika® Aktivator UH-2 LUM is manufactured in accordance with ISO 9001 / 14001 quality assurance system and the responsible care program.

Areas of Application

Sika® Aktivator UH-2 LUM improves adhesion on substrates such as glass, ceramic coated glass, and paints.

Note: Sika® Aktivator UH-2 LUM is not a substitute for Sika® Aktivator

This product is suitable for experienced professional users only. Tests with actual substrates and conditions have to be performed to ensure adhesion and material compatibility.

Method of Application

Wipe bond faces with a clean, lint-free paper towel moistened with Sika® Aktivator UH-2 LUM. Apply Sika® Aktivator UH-2 LUM sparingly, and apply once only. Immediately wipe-off any excess with a clean, dry, lint-free paper towel.

Consumption depends on the specific nature of the substrates and manufacturing process.

Tightly re-seal container immediately after each use.

Industry



Important Note

Sika® Aktivator UH-2 LUM contains solvent which may dull the surface finish of some freshly applied paints. Preliminary trials must be carried out. Never apply to porous substrates. Sika® Aktivator UH-2 LUM may not dry completely on porous surfaces preventing the adhesive or sealant from curing properly. Protect adjacent surfaces by masking where necessary.

Sika® Aktivator UH-2 LUM is a moisture reactive system. In order to maintain product quality it is important to reseal the container with the inner plastic liner immediately after use. Once the surface pretreatment operation is completed the cap has to be screwed on. Prolonged exposure to atmospheric moisture will cause Sika® Aktivator UH-2 LUM to become inactive. Immediately discard Sika® Aktivator UH-2 LUM if it has become cloudy or opaque, instead of transparent.

Dispose the product one month after opening the bottle for the first time or at the end of the marked expiration date; whichever comes first.

Never dilute or mix Sika® Aktivator UH-2 LUM with any other substances. It is not to be used for tooling / smoothing of products and as a bare cleaning agent.

Detection of the luminescence

Sika® Aktivator UH-2 LUM can be visualized by using a light source with a wavelength of 320 to 420 nm as in-line control. By reducing foreign light such as sunlight or artificial light during the detecting process the quality of the detection can be increased significantly.

Note: The luminescent effect will degrade with time.

Limitations

- Do not apply on frozen surfaces or through standing water.
- Do not apply over silicones or in the presence of curing silicones.

Further information available at:

<http://usa.sika.com/>
www.sika.com

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Further Information

Copies of the following publication is available from <http://usa.sika.com/>:

- Material Safety Data Sheet

In case of emergency call:
Chemtrec: 800-424-9300
International: 703-527-3887

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

Packaging Information

| | |
|--------|---------|
| Bottle | 1000 ml |
|--------|---------|

Value Basis

All technical data stated on this Product Data Sheet are the results of laboratory tests only. Actual measured data in the field may vary due to site specific conditions which are not known to Sika and beyond our control.

Health and Safety Information

For information and advice on the safe transportation, handling, storage and disposal of chemical products, users should refer to the actual Material Safety Data Sheets containing physical, ecological, toxicological and other safety-related data.

Clean Up

In case of spill, eliminate all ignition and heat sources, if safe to do so. Ventilate area by opening doors and windows when possible. Wear chemical resistant gloves / goggles / clothing. In the absence of proper ventilation, use properly fitted NIOSH approved respirator. Confine spill, collect using noncombustible absorbent material and place in properly sealed container. Dispose of excess product in accordance with applicable local, state and federal regulations.

HMIS

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|---------------------|----|
| Health | *2 |
| Flammability | 3 |
| Physical Hazards | 0 |
| Personal Protection | D |

First Aid Measures

Respiratory - Remove to fresh air, consult physician if symptoms persist. **Skin** - Wash thoroughly with soap and water. **Eye** - Rinse with water for full 15 minutes. **In all cases contact a physician immediately if symptoms persist.**

DANGER: FLAMMABLE, IRRITANT, SENSITIZER.

Contains methyl acetate (CAS:79-20-9), 3-trimethoxysilylpropane-1-thiol (CAS:4420-74-0), tris(dodecylbenzenesulphonato-O)(propan-2-olato)titanium (CAS:61417-55-8).

Keep away from heat, sparks, sunlight, electrical equipment, flame or other sources of ignition. **VAPORS MAY IGNITE AND EXPLODE. DO NOT SMOKE.**



Handling and Storage

Keep away from heat, sparks, sunlight, electrical equipment, flame or other sources of ignition. **VAPORS MAY IGNITE AND EXPLODE. DO NOT SMOKE.** Store product in tightly sealed containers in a cool, dry well-ventilated area at temperatures below 77°F (25°C) and away from ignition sources. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use non-sparking tools. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Use only in well ventilated areas. Open doors and windows during use. Use adequate local and mechanical ventilation if necessary. Wear protective equipment (chemically resistant gloves/ goggles/ clothing) to prevent direct contact with skin and eyes. Use properly fitted NIOSH approved respirator if ventilation is poor. Harmful if inhaled in high concentrations. Causes headache, drowsiness or other effects to the central nervous system. Causes eye irritation. May cause allergic skin reaction. Prolonged or repeated contact may dry skin and cause irritation. Wash thoroughly with soap and water after use. Remove contaminated clothing after use. May cause gastrointestinal disturbance if swallowed. Reports have associated repeated and prolonged exposure to some of the chemicals in this product with permanent brain, liver, kidney and nervous system damage. **Intentional misuse by deliberate concentration and inhalation of vapors may be harmful or fatal.**

Limited Material Warranty

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 shelf life. User determines suitability of product for intended use and assumes all risks. Buyer's sole remedy shall be limited to the purchase price or replacement of product exclusive of labor or cost of labor. **NO OTHER WARRANTIES IMPLIED OR EXPRESS 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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All information provided by Sika Corporation ("Sika") concerning Sika products, including but not limited to, any recommendations and advice relating to the application and use of Sika products, is given in good faith based on Sika's current experience and knowledge of its products when properly stored, handled and applied under normal conditions in accordance with Sika's instructions. In practice, the differences in materials, substrates, storage and handling conditions, actual site conditions and other factors outside of Sika's control are such that Sika assumes no liability for the provision of such information, advice, recommendations or instructions related to its products, nor shall any legal relationship be created by or arise from the provision of such information, advice, recommendations or instructions related to its products.

The user of the Sika product(s) must test the product(s) for suitability for the intended application and purpose before proceeding with the full application of the product(s).

Sika reserves the right to change the properties of its products without notice. All sales of Sika product(s) are subject to its current terms and conditions of sale which are available at <http://usa.sika.com/> or by calling 201-933-8800.

Prior to each use of any Sika product, the user must always read and follow the warnings and instructions on the product's most current Product Data Sheet, product label and Material Safety Data Sheet which are available upon request. Nothing contained in any Sika materials relieves the user of the obligation to read and follow the warnings and instruction for each Sika product as set forth in the current Product Data Sheet, product label and Material Safety Data Sheet prior to product use.

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The Sika logo consists of the word "Sika" in a bold, italicized, sans-serif font, with a registered trademark symbol (®) to its right. The text is white and is set against a red, upward-pointing triangle.

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