

Sika® Aktivator-110 LUM (Sika® Aktivator 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)	0.71 kg / liter (5.9 lb. / gal.)
Flash point (CQP 007-1 / ISO 13736)	-4°C (25°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 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 LUM does fluoresce under long-wave UV light.

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

Areas of Application

Sika® Aktivator LUM improves adhesion on substrates such as glass, ceramic coated glass, the cut face of old polyurethane adhesive, polyurethane pre-applied windows, and paints.

Note: Sika® Aktivator 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 LUM. Apply Sika® Aktivator 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 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 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 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 pre-treatment operation is completed the cap has to be screwed on. Prolonged exposure to atmospheric moisture will cause Sika® Aktivator LUM to become inactive. Immediately discard Sika® Aktivator 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 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 LUM can be visualized by using a light source with a wavelength of 320 to 420 nm as inline 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 upon request:

- 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	250 ml
	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

Dispose of in accordance with federal, state and local environmental regulations.

HMIS

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: EXTREMELY FLAMMABLE, IRRITANT, SENSITIZER. Contains heptane (CAS 142-82-5), ethanol (CAS 64-17-5). **Keep away from heat, flame, sparks, electrical equipment or other sources of ignition. VAPORS MAY IGNITE AND EXPLODE. DO NOT SMOKE.** Use only in well ventilated areas. Open doors and windows during use. Use properly fitted NIOSH approved respirator if ventilation is poor. Severely irritating to eyes / skin / respiratory system. Headaches and dizziness may result. May cause sensitization by skin contact. Harmful or fatal 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.**

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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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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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