

Sika[®]-Slick

Cutout Lubricant and Tooling Agent

Technical Product Data (typical values)

Chemical base	Aqueous surfactant solution
Color	Colorless
Density (uncured)	8.3 lb/gal
Application temperature	product 40°F to 95°F (5°C to 35°C)
Shelf life (storage in sealed container in cool, dry, frost-free place)	12 months

Description

Sika[®]-Slick is a waterbased, solvent-free cutout lubricant and tooling agent for Sika[®] adhesive and sealant products. Sika[®]-Slick is manufactured in accordance with ISO 9001 / 14001 quality assurance system.

Product Benefits

- Reduces cutout force
- Approved for use with all Sika Adhesive Systems
- Extends cutting blade life
- For use with all reciprocating cutout tools
- Excellent for tooling uncured polyurethane sealants and adhesives
- Neutral
- Non aggressive to skin
- No washing-out or etching of fresh applied sealants or adhesives

Areas of Application

Sika[®]-Slick can be safely used as a cutout lubricant on automotive and architectural glass and as a tooling agent to smooth the surface of freshly applied Sika[®] adhesives and sealants on most substrates.

Industry



Surface preparation

In tested cases, Sika®-Slick has been shown not to affect paint finishes. However, pretesting is advised.

Application

Cutout Lubricant Instructions:

Sika®-Slick is best suited for use with reciprocating cutting motions, such as the cutting motion of a reciprocating power cut out tool or a long knife cutting a windshield's bottom bead. In some instances Sika®-Slick has been found to reduce cold knife cut out forces.

Sika also recommends that the technician test the color-fastness of any interior component that the Sika®-Slick may come in contact with during use. This is especially important if the interior components are aged or when contact with water may affect their appearance. To test color-fastness, apply a small drop of Sika®-Slick to an inconspicuous area of the interior component and allow it to dry. If any discoloration occurs, protect these interior components from any Sika®-Slick over spray or dripping. After the glass part has been completely removed, immediately clean up excess Sika®-Slick from any areas where it has come in contact with interior components of the vehicle, such as the dash board, to further avoid the possibility of staining.

Prior to trimming the existing urethane bead, the pinchweld must be cleaned and dried to avoid contamination of the bonding surface.

If Sika®-Slick comes in direct contact with the bonding surface (freshly trimmed OEM urethane bead), then clean the bonding surface using the following method.

Dry wipe the trimmed OEM urethane bead with a clean lint-free towel until all visible traces of the Sika®-Slick have been removed. Further clean the contaminated areas of the urethane bead by wiping with Sika® Aktivator and then wiping off. Allow at least 10 minutes for the Aktivator to cure on the original bead. If it is less than 40°F, then allow at least 30 minutes.

If the Sika®-Slick does NOT come in contact with the bonding surface (freshly trimmed urethane), then no extra steps are required and you may proceed with the glass installation process following Sika's Auto Glass Replacement (AGR) guidelines and SDAT recommendations for the specific product being used.

Tooling Agent Instructions:

Sika®-Slick may be sprayed directly on the surface and tooled with a smoothing tool. Another type of application is to smooth the surface with a tool wetted with Sika®-Slick.

Over Painting

Sika®-Slick contains a small amount of water soluble polymers which remain on the surface. This can be easily removed with water. Therefore in case of over painting the smoothed Sika® adhesive or sealant, we recommend rinsing the surface with water (this can also be done immediately after the smoothing operation, using a low pressure spray).

Limitations

FOR USE BY TRAINED APPLICATORS ONLY. Sika®-Slick is only designed for use with Sika's AGR adhesives and Sika® sealants.

Alternative AGR urethane adhesive manufacturers will most likely view this product as incompatible with their adhesive systems. Sika®-Slick is best suited for use with reciprocating cutting motions, such as the cutting motion of a reciprocating power cut out tool or a long knife cutting a windshield's bottom bead. In some instances Sika®-Slick has been found to reduce cold knife cutout forces. Never use glass cleaner as a cut out lubricant. Testing has shown that some glass cleaners can negatively affect the integrity of the urethane bond. If the product becomes discolored, cloudy, or has an odor, discontinue use immediately and discard container. Follow these same procedures and warning for bottles into which the Sika®-Slick has been transferred. Product will freeze at temperatures near 32°F (0°C).

CAUTION IRRITANT:

May cause eye/skin/respiratory irritation. May be harmful if swallowed. **Strictly follow all usage, handling and storage instructions.**

Handling, storage

The shelf life of unopened containers, stored between 40°F and 77°F (5°C and 25°C) is 12 months. Once the Sika®-Slick container is opened, the shelf life is reduced, but not destroyed. With proper storage conditions, it will remain usable up to two months after opening, or until the expiration date, whichever comes first. Always tightly replace the original cap after each use. If product becomes discolored, cloudy, or has an odor,

discontinue use immediately and discard container. Follow these same procedures and warnings for bottles into which the Sika®-Slick has been transferred. Avoid direct contact.

Store in cool, dry ventilated area. Wear protective equipment (gloves/safety glasses/clothing) to prevent contact with skin and eyes.

Cleanup

Absorb spilled material with sand and/or other absorbent materials. Dispose of sand and absorbent material in accordance with applicable environmental regulations.

HMIS

Health	1
Flammability	1
Reactivity	0
Personal Protection	B

First Aid Measures

Eyes: Hold eyelids apart and flush eyes with plenty of water for 15 minutes. **Skin:** In case of contact, immediately wash skin with soap and plenty of water for at least 15 minutes. Remove contaminated clothing. **Inhalation:** Remove to fresh air. **Ingestion:** Do not induce vomiting. Dilute with water. Contact physician. **In all cases contact a physician immediately if symptoms persist.**

Further Information

Copies of the following publications are available www.sikaindustry.com:

- Material Safety Data Sheets
- For the Sika Auto Glass Replacement Technician Training Manual contact Sika directly
- In case of emergency call:
Chemtrec: 800-424-9300
International: 703-527-3887

Packaging Information

Spray Bottle	32oz (4 per case)
Bulk Jug	1 gallon (4 per case)

Further information available at:
www.sikaindustry.com

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Important

For information and advice regarding 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. It is highly recommended to read the actual Material Safety Data Sheet before using the product.

**KEEP OUT OF REACH OF
CHILDREN.
FOR INDUSTRIAL USE ONLY.
NOT FOR INTERNAL
CONSUMPTION.**

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.**

Disclaimer

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 www.sikacorp.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 at www.sikaindustry.com. 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.

Further information available at:
www.sikaindustry.com

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