

PRODUCT DATA SHEET

SikaLastomer®-511

Non-skinning butyl sealant for standing seam roofs

TYPICAL PRODUCT DATA (FURTHER VALUES SEE SAFETY DATA SHEET)

Chemical base	Butyl
Color (CQP001-1)	Off-white
Density (uncured)	1.09 kg/l (9.08 lb/gal)
Staining (ASTM D925)	No staining on common substrates
Application temperature	ambient 5 – 40 °C (41 – 104 °F)
Slump (ASTM D2202)	1 mm (0.04 in) ^A
Shrinkage (CQP014-1)	16 %
Effect of heat aging (ASTM C792)	11 % weight loss No cracking or chalking
Service temperature	-50 – 105 °C (-58 – 221 °F)
Shelf life	cartridges / pails / drums 12 months ^B

CQP = Corporate Quality Procedure

^A) 23 °C (73 °F) / 50 % r. h.^B) stored below 25 °C (77 °F)
DESCRIPTION

SikaLastomer®-511 is a non-skinning and non-corrosive butyl rubber-based sealant. It remains malleable so that the sealant can be factory dispensed and then joined in the field, depending upon the temperatures at which the panels are stored. Metal panels can be easily separated after extended periods for repair and maintenance.

PRODUCT BENEFITS

- Very good adhesion to common standing seam substrates
- Good pumpability and gunnability
- Panels can be bonded in the field up to 6 months after initial application
- Contains additive to inhibit a broad spectrum of microbial activity

AREAS OF APPLICATION

SikaLastomer®-511 is designed for factory sealing the female lip of standing seam roof and wall panels as well as concealed end laps. SikaLastomer®-511 will adhere to the mating surface and flow into the panel joint when assembly is constructed within a temperature range of -25 °C to 60 °C (-13 °F to 140 °F). This product is suitable for experienced professional users only. Tests under actual processing conditions and with additional materials such as fibers and release agents must be performed to proof material compatibility.

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CHEMICAL RESISTANCE

The chemical resistance is influenced by several factors such as chemical composition, concentration, period of exposure and temperature. Therefore, a project related testing in case of chemical or thermal exposure is required.

METHOD OF APPLICATION

Surface Preparation

The surface must be clean, free from dust, grease, oil and water.

Application

SikaLastomer®-511 must wet the entire bonding surface, without interruptions.

SikaLastomer®-511 can be processed with manual, pneumatic or electric driven piston guns as well as with adequate processing equipment. In case of pump equipment, it must be applied at application temperature between 5 °C and 40 °C (41 °F and 104 °F).

For advice on selecting and setting up a suitable pump system, contact the System Engineering Department of Sika Industry.

Removal

SikaLastomer®-511 can be removed from tools and equipment with Sika® Remover-208 or another suitable solvent.

Do not use solvents on skin.

STORAGE CONDITIONS

SikaLastomer®-511 has to be stored below 25 °C (77 °F) in a dry place. If the product is stored below 10 °C (50 °F), it is required to pre-condition the product to at least 15 °C (59 °F) prior to loading under the pump. This can be accomplished by storing the product for 48 hours at the assembly line prior to use. If the storage temperature is below 0 °C (32 °F), the time to re-condition the product is substantially longer.

For transportation purposes, the storage temperature can be exceeded (up to 50 °C / 122 °F) for a period of two weeks maximum.

Note: Storage outside of standard conditions can affect the shelf life.

FURTHER INFORMATION

The information herein is offered for general guidance only. Advice on specific applications is available on request from the Technical Department of Sika Industry.

Copies of the following publications are available on request:

- Safety Data Sheets

PACKAGING INFORMATION

Cartridge	10.1 oz
Pail	5 gal (US)
Drum	51 gal (US)

BASIS OF PRODUCT DATA

All technical data stated in this document are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

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

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 contacting SIKA's Technical Service Department via email at tsmh@us.sika.com. 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.** Sale of SIKA products are subject to the Terms and Conditions of Sale which are available at <https://usa.sika.com/en/group/SikaCorp/termsandconditions.html> or by calling +1 800-933-7452.

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Sika Corporation

30800 Stephenson Highway
Madison Heights, MI 48071
U.S.A.

Telephone: +1 248-577-0020

Email: tsmh@us.sika.com

www.sikausa.com

