

### TYPICAL USES

- Concealed air barrier flashing to protect against air, water and moisture penetration around windows and doors for commercial and residential construction.

### FEATURES

- High Solids
- Low VOC
- Low odor
- Easy Installation
- Extending working time
- Compatible with most urethane and silicone sealants and coatings

### PRODUCT DESCRIPTION

CSL423 is a one-part, moisture curing room-temperature vulcanizing (RTV) 100% silicone air barrier and waterproofing material (liquidapplied flashing). CSL423 is used in above-grade wall construction to protect rough openings, seams, cracks, sheathing joints and for transition detailing. CSL423 is compatible with most common building materials, including brick, wood (including treated plywood), concrete, and cement-based sheathings.

### PRODUCT CHARACTERISTICS AND PRACTICAL INFORMATION

Type	100% silicone, one-part RTV
Appearance	Smooth, non-slump paste
<b>Temperature Range†</b>	
Application Temperature Range	5°C a 50°C (41°F a 120°F)
Useable Temperature Range	-30°C a 150°C (-22°F a 302°F)
<b>Drying Time*</b>	
Tooling/Skin-Over Time	25 minutes
Tack Free Time	60 minutes
Cure Time	24 hours
Full Physical Characteristics	7 days

### PHYSICAL PROPERTIES

(Typical properties - values not to be used as specifications)

<b>Uncured</b>	
Specific Gravity	1.33
Extrusion Rate (3.2 mm (1/8 ") orificio, 90 psi)	1500 g/min
Slump/Sag	Nil
Cure System	Moisture Cure
<b>Cured at Standard Conditions* for 7 Days</b>	
Durometer Hardness (ASTM D2240, Shore A)	35 points
Tensile Strength (ASTM D412)	300 psi (21.1 kg/cm <sup>2</sup> )
Elongation at Break (ASTM D412)	500%
Tear Resistance (ASTM D624, Die B)	40 ppi (7.0 kN/m)

†Please consult CSL for suitability for application at lower temperatures

\*At standard conditions 77oF (25oC) and 50% relative humidity

### COLORS

CSL423 is available in Evergreen, Gray, & White.

### SURFACE PREPARATION

All surfaces should be clean and dry, and free of dirt, dust, and contaminants. Prior to sealant application, all surfaces should be cleaned by wiping with oil-free solvent.

For remedial work, be sure to remove all old caulking and oily residues. Lacquer coatings are best removed with lacquer thinners. Remove any old paint and solvent wash surface prior to caulking.

CSL423 does not normally require a primer on common construction substrates. When in doubt, apply a test bead of sealant to substrate or sample and check adhesion.

### APPLICATION

CSL423 is ready-to-use and requires no mixing or additives. Apply CSL423 to substrate in a serpentine fashion using appropriate caulking gun and then spread using a brush, trowel, joint knife or plastic spatula to achieve a uniform membrane over the rough opening surfaces. Top coat with Si-COAT Silicone Air Barrier coating when dry to touch.

CSL423 can be applied in a single coat. Spread uncured CSL423 to cover the inside of the rough opening and extend a minimum of 4" (100 mm) over the surface of the exterior wall. Regularly monitor wet film thickness during application to assure adequate uniform coverage. Coverage may vary depending on application technique and nature of substrate. Curing begins as soon as the sealant comes in contact with air. Application at temperatures below 4°C (40°F) will slow curing, while increased levels of humidity will aid curing.

At conditions of 25°C (77°F) and 50% relative humidity, a bead of sealant will fully cure in 24 hours, attaining full physical properties in 7 days. Tooling should be done before skin-over takes place. Remove wet material from application/spreading tool with a rag before the material cures. Carefully use appropriate cleaning agent, such as citrus solvent or odorless mineral spirits, to remove cured material from tools. For best results, follow precautions on packaging.

### SAFETY PRECAUTIONS

Adequate ventilation should be provided with extensive use of this sealant.

On direct contact, uncured sealant may irritate eyes. Flush well with water and call a physician. Avoid prolonged contact with skin. See Safety Data Sheet available on this product.

This product is intended for use only by professional applicators in accordance with the advice given in this document, the Safety Data Sheet (SDS) and the container(s), and should not be used without reference to the SDS that CSL Silicones Inc. has provided to its customers. **KEEP OUT OF REACH OF CHILDREN.**

All work involving the application and use of this product should be performed in compliance with all relevant national, Health, Safety & Environmental standards & regulations.

If in doubt regarding the suitability of use of this product, consult CSL Silicones Inc. for further advice.

### STORAGE

CSL423, when stored in original, unopened container in dry, shaded conditions, away from sources of heat or ignition, and stored below 27°C (80°F), has a shelf life of 12 months from date of manufacture..

### PACKAGING

CSL423 is available in 600 mL (20 fl. oz.) sausages, 900 mL (29 fl. oz.) cartridges, 18.9 L (5 US gallon) pails, and 189 L (50 US gallon) drums.

### WARRANTY

CSL Silicones Inc. warrants that its products will meet its specifications. CSL shall in no event be liable for incidental or consequential damages. Except as expressly stipulated, CSL's liability, expressed or implied, is limited to the stated selling price of any defective goods.

Data is subject to change without notice and it is therefore recommended that this information not be used for specification writing. For additional information on specific applications, contact the manufacturer.

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**Disclaimer**

*The information given in this sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this document without first obtaining written confirmation from CSL Silicones Inc. as to the suitability of the product for the intended purpose does so at his/her own risk. The information contained herein has been prepared in good faith to comply with applicable federal and provincial (state) law(s). However, no warranty of any kind is given or implied and CSL Silicones Inc. will not be responsible for any damages, losses or injuries that may result from the use of any information contained herein. While CSL endeavors to ensure all advice it gives about the product (whether in this document or otherwise) is correct, we have no control over either the quality or condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless CSL specifically agrees in writing to do so, it does not accept any liability whatsoever or howsoever arising for the performance of the product, or for any consequential loss or damage arising out of the use of the product. Any warranty, if given or specific Terms & Conditions of Sale are contained in CSL's Terms & Conditions of Sale, a copy of which can be obtained upon request. The information contained herein is liable to modification from time-to-time in light of experience and CSL's policy of continuous product improvement. It is the user's responsibility to check that this document is current prior to using the product. This document must not be used for specification writing.*

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