



TYPICAL USES

- Butt or lap shear joints
- Weatherproofing glazing applications subject to movement
- Glazing and backbedding
- Glass and metal in glazing and curtain wall assemblies
- Primary or secondary seal against water, air and duct penetration
- Glazing and installation of steel, aluminum, fiberglass and wood windows
- Interior and exterior glass partitions
- General caulking of vents, window and door frames
- Weatherstripping
- Skylights and curtain walls
- High performance sealing for buildings

PRODUCT DESCRIPTION

CSL335A is a one-part, moisture curing, room-temperature vulcanizing (RTV), 100% silicone sealant. CSL335A is a high performance product designed specifically as a glazing and backbedding sealant used in manufacturing applications requiring high tensile strength and high flexibility.

APPLICABLE STANDARDS

- AAMA Certified 802.3-10 Type II, 803.3-10 Type I, 805.2-10 Group C, 808.3-10
- Meets ASTM C920-11 Type S, Grade NS, Use NT, M, G, A, O and I specifications
- Federal Specifications TT-S-001543A and TT-S-00230C
- Can/CGSB-19, 13-M87
- Recognized under the Components Program of Underwriters Laboratories Inc. - UL File No. E109726: Plastics - Component (QMFZ2.E109726)
- CSL335A is EcoLogo Certified

PRODUCT CHARACTERISTICS AND PRACTICAL INFORMATION

Type	100% silicone, one-part RTV
Appearance	Smooth, non-slump paste
Temperature Range‡	
Application Temperature Range	Ambient to 50°C (120°F)
Useable Temperature Range	-60°C to 200°C (-76°F to 392°F)
Drying Time*	
Tooling/Skin-Over Time	5-10 minutes
Cure Time	24 hours
Full Physical Characteristics	7 days

PHYSICAL PROPERTIES

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

Uncured	
Specific Gravity	1.03
Extrusion Rate (3.2mm (1/8") orifice, 90 psi)	150 g/min
Cure System	Neutral (Oxime), Moisture Cure
Slump/Sag	0.1"
Cured at Standard Conditions* for 7 Days	
Durometer Hardness (ASTM D2240, Shore A)	27 points
Tensile Strength (ASTM D412)	250 psi (17.6 kg/cm ²)
Elongation at Break (ASTM D412)	400%
Tear Resistance (ASTM D624, Die B)	28 ppi (4.9 kN/m)
Shrink Factor	Nil
Joint Movement Capability	±25%

‡Please consult CSL for suitability for application at lower temperatures

*At standard conditions 77°F (25°C) and 50% relative humidity

COLORS

CSL335A is available in Clear, White, Grey, and Black. Please contact CSL for custom color availability.

SURFACE PREPARATION

To attain proper adhesion, substrates must be clean and dry, and free of dust, dirt, and grease before sealant is applied. If necessary, it is recommended to clean the surface with oil-free solvent. All plastic surfaces may be cleaned with isopropanol.

Priming is normally not required for applications to non-porous surfaces. Applying a small trial bead and allowing 7 days for maximum adhesion to occur can easily test unprimed adhesion. If primer is required contact manufacturer.

APPLICATION

CSL335A is ready to use and requires no mixing or additives. Curing begins as soon as the sealant is exposed to air.

At conditions of 25°C (77°F) and 50% relative humidity, a bead of sealant 3mm (1/8") will skin over in 5-10 minutes and fully cure in 24 hours, attaining full physical properties in 7 days. Skin-over and cure-time will vary with humidity. Cure time will also vary with the degree of confinement. Tooling, if necessary, should be done before skin-over takes place.

CSL335A should not be applied below grade, to surfaces under continuous water immersion, to substrates that bleed oils, plasticizers or solvents (e.g. impregnated wood, oil-based caulks, green or partially vulcanized rubber gaskets or tapes), to surfaces in direct contact with food, and to surfaces that will be painted over.

SAFETY PRECAUTIONS

CSL335A uses a neutral cure system, so no acetic acid or objectionable by-products are evolved during cure. 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

CSL335A, when stored in original, unopened container in dry, shaded conditions, away from sources of heat or ignition, and stored below 32°C (90°F), has a shelf life of 15 months from date of manufacture.

PACKAGING

CSL335A is available in 300 ml (10.2 fl. oz.) cartridges, 19L (5 US gallon) pails and 189L (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.

CSL is ISO 9001:2008 Registered

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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