



FEATURES

- Non-curing compound
- Not affected by UV light, temperature, normal chemical environments and ozone
- Supplied ready-to-use with no mixing of chemicals
- Proven to be effective in all types of conditions from salt fog to cement dust

PRODUCT DESCRIPTION

CSL-880 silicone compound has been developed for the maintenance of high voltage insulators. Its grease-like formulation gives porcelain insulators long-term resistance to water filming, thereby suppressing leakage current, which is the source of radio and television interference and flashover. When the compound becomes laden with airborne contaminants, its anti-tracking filler system protects against tracking. Its unique formulation resists the sun's ultraviolet rays and ozone produced from electrical discharges. It is easy to apply and has excellent adhesion. Its white color makes it easy to ensure that a uniform and complete coating is applied and also when removal becomes necessary, due to excessive contamination.

INSTALLATION

The surface of insulators to be coated must be thoroughly cleaned and dry. In most instances, the insulators need only to be high pressure water washed.

Insulators contaminated with a cementitious material must be cleaned with a high pressure air blast that delivers a dry abrasive cleaner, such as crushed corn cob or walnut shells mixed with limestone. Previously greased insulators must be cleaned of contaminant-nated grease. If it is possible to de-energize the facilities, the insulators may be cleaned by hand. Simply wipe off the contaminated grease with cloths. If the grease coating has hardened and caked on the insulator, removal as with cementitious material is suggested.

The effectiveness of the silicone compound is dependent upon the proper thickness and the uniformity. The requirements for protection differ widely according to location and environment, and govern the proper thickness. Non-absorbent contaminants, such as carbon or metallic particles, require less compound than absorbent particles such as fertilizer or road salt. Optimum application practices for insulator maintenance is normally achieved through extensive field use.

To adequately maintain protection from contamination over a long period of time, a coating of 1 - 2 mm is recommended. The compound can be applied to insulators by hand brush or spray. Hand coatings can be applied by hand, with a soft cotton glove or cloth. Brush coatings should be applied with a brush having hard bristles.

PACKAGING

CSL-880 is supplied in 1 US gallon cans, 5 US gallon pails and 200 Litre drums.

STORAGE

CSL-880 when stored in original unopened container at or below 32°C (90°F) has a shelf-life of 18 months from the date of shipment.

SAFETY PRECAUTIONS

For specific information regarding the safe handling of this compound, please refer to the Material Safety Data Sheet available on this product.

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.

TYPICAL PROPERTIES

These values are not intended for use in preparing specifications.

AS SUPPLIED

Type	Non-curing compound
Appearance	Smooth, white, thixotropic paste
Specific Gravity	1.39
Useable Temperature Range	-60°C to 200°C (-70°F to 390°F)
Unworked Penetration, 25°C 1/10mm, (ASTM D217)	202s
Worked Penetration, 25°C, 200 strokes, 1/10mm (ASTM D217)	210s
Flash Point (Open cup, ASTM D92)	246 °C

Typical Quantities of Silicone Compound Required to Coat Specific Insulators to an Average FINAL Thickness of 1.5 mm

Insulator Type	Compound Required (kg)
Standard Suspension	0.25
34.5 kV Line Post	0.35
34.5 kV Pin-Cap Apparatus	0.60
69 kV Bushing	1.30
230 kV Bushing	7.20

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

Professional's Choice®

Le choix des professionnels®



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.

Technical Data Sheet

CSL Silicones Inc.

144 Woodlawn Rd. W.
Guelph, ON N1H 1B5
Canada

T +1 519.836.9044
TF + 1 800.265.2753
cslsilicones.com

CSL 880 Reviewed May 11, 2026
Document Control Number: PM-102-880-EN
All trademarks registered. All rights reserved.

