



January 10, 2020

SUBJ: Silicone Levels in THHN/THWN-2 and XHHW-2 Cables

To Whom It May Concern:

Encore Wire Corporation produces a broad range of building wire and cable at its sole manufacturing location in McKinney, TX. XHHW-2 and THHN/THWN-2 cables are a part of our product line. Encore manufactures XHHW-2 Cable in strict accordance with UL-44, *The Standard for Thermoset-Insulated Wire and Cable* and THHN/THWN-2 cables are manufactured in strict accordance with UL-83, *The Standard for Thermoplastic-Insulated Wire and Cable*.

Encore's THHN/THWN-2 is composed of copper or aluminum, PVC, nylon, and a pulling lubrication agent. The copper or aluminum, PVC, and nylon are completely free of any forms of silicone. In the case of XHHW-2, the product is composed of copper or aluminum, cross-linked polyethylene, and the same pulling lubricant that is used on THHN/THWN-2. The copper, aluminum, and cross-linked polyethylene in XHHW-2 are completely free of any forms of silicone. However, the pulling lubricant is a water-based emulsion that contains a form of silicone at a concentration of 2% of the weight of the solution. This solution is around 0.0012% of the finished product by weight. In conclusion, the silicone present in our THHN/THWN-2 and XHHW-2 products is considered negligible.

If you have any further questions about our products, please contact us.

Sincerely,

A handwritten signature in black ink, appearing to read "Troy Skidmore", written over a horizontal line.

Troy Skidmore
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