

Date: February 12, 2025

2024 EU REACH COMPLIANCE STATEMENT

Regulation (EC) No. 1907/2006, known as REACH (Registration, Evaluation, Authorization, and Restriction of Chemicals,) with amendments up to and including the most current amendments, seeks to protect human health and the environment through the regulation of chemicals.

Lake Shore Cryotronics Inc. is a supplier for scientific research and development in commercial markets, placing articles on the market in the European Economic Area (EEA) through distributors and representatives.

From time to time, Lake Shore products will be incorporated into other products that are then placed on the market within the EEA. Lake Shore articles and objects, as defined by the Regulation, are designed for professional, not personal use.

According to Article 33 (1) of REACH, suppliers are obligated to communicate information on substances in their products. If the substances’ concentration in the referred articles (products) are above 0.1 % weight by weight (w/w), they must provide the recipient of the article with sufficient information, to allow for safe use of the article including, at minimum, the name of that substance.

Substances of Very High Concern (SVHC) – Annex XIV

Lake Shore has reviewed the contents of its products to determine if any of the [247 SVHC substances](#) on the SVHC Candidate List as of January 21, 2025 are present. Based on our engineering evaluation and supplier declarations received to date, we have determined to the best of our knowledge that except for Lead and Cadmium, other SVHC’s are not present above 0.1% weight by weight in any article. Lake Shore products do not contain substances intended to be released under normal or reasonably foreseeable conditions of use or SVHC’s exceeding 1 tonne per year. As such, we are not directly required to register the materials used in their manufacture under Article 7(1).

SVHC Candidate Substance	CAS#	Affected Materials
Lead	7439-92-1	Steel mechanical hardware (RoHS exemption Annex III, 6(a))
		Aluminum mechanical hardware (RoHS exemption Annex III, 6(b))
		Brass mechanical hardware (RoHS exemption Annex III, 6(c))
		High melting temperature type solders (RoHS exemption Annex III, 7(a))
		Glass and ceramics (RoHS exemptions 7(c)-I)
		Dielectric ceramic in capacitors (RoHS exemptions Annex III, 7(c)-II)
		Cermet-based trimmer potentiometer elements (RoHS exemption Annex III, 34)
Solders of electrical connections to temperature measurement sensors (RoHS exemption Annex IV, 26)		
Cadmium	7440-43-9	Electrical contacts (RoHS exemption 8(b))

No special handling is required provided the affected products are used in accordance with the instructions and within the normal operating parameters.

Annex XVII Restrictions

Lake Shore continues to monitor the ongoing amendments to Annex XVII of REACH. While these amendments introduced some new restrictions, they primarily replaced several European Union directives by consolidating existing restrictions, including those that had been implemented as amendments to Directive 76/769/EEC. In many cases, Annex XVII restrictions are application specific. Lake Shore has determined that our products are compliant with Annex XVII restrictions. We will continue to monitor the new SVHC additions to Annex XVII and update our Compliance Statement as appropriate.

Please contact compliance@lakeshore.com if you have any further questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Rachel Lusher", written over a light blue horizontal line.

Rachel Lusher
Corporate Compliance Manager