



Chemtronics REACH Statement

20 March 2019

Dear Valued Customer,

ITW has been preparing for the requirements of the European Union regulation on the Registration, Evaluation, Authorization and Restriction of Chemical substances (REACH) for many months. ITW has consulted with outside legal and technical experts regarding REACH compliance and provides compliance support to its businesses through ITW Corporate Environmental, Health and Safety Group (ITW EHS). Chemtronics has been working with ITW EHS and with other ITW divisions to consolidate EU export information for affected chemical substances.

The current status of the REACH compliance program for Chemtronics is as follows:

Chemical substance totals from Chemtronics business have been collected, compiled and consolidated with substance totals from other ITW businesses. A division of ITW Ireland was appointed as our Only Representative (OR) to complete REACH pre-registration and subsequent registration requirements. Our OR has completed the pre-registration of all affected substances (those exceeding the registration threshold of 1 metric tonne per year and that are not otherwise exempted). Pre-registration was completed using the REACH-IT portal on the European Chemical Agency (ECHA) website.

Chemtronics expects that all affected substances will be registered by the applicable REACH registration deadline. Currently, we plan to register all affected substances and do *NOT* plan to *NOT* register any particular substance. Therefore, no plans exist to discontinue or make unavailable any current products in response to REACH. However, we realize the possibility that events beyond our control such as ECHA or supplier actions may affect our ability to register every affected substance. We plan to address other REACH requirements such as those pertaining to Substances of Very High Concern (SVHC) and supply chain communication by the relevant REACH deadlines.

From information supplied by ITW businesses (including Chemtronics), ITW EHS will compile specific information required for the registration dossier. ITW EHS will in turn then respond to inquiries from individual Substance Information Exchange Forums (SIEFs).

In regards to Substances of Very High Concern SVHC, currently, no pre-registered substances or any substances used by Chemtronics for products (including all Coventry™ and Chemtronics® swabs, wipes and cleaning platforms, Chem-Wik® and Soder-Wick® Desoldering Braid, FOCCUS™ Fiber Optics products, and CircuitWorks® products) marketed or sold by Chemtronics in Europe are included on the Candidate List of SVHC as of its most recent revision on 15 January 2019, which now includes 197 substances.

Twenty-two products produced by Chemtronics currently contain an SVHC (alternates are available). **None of these products are approved for sale to Europe and are not marketed in Europe by Chemtronics.**

Electro-Wash® Two Step (part number ES125A) contains 1-methyl-2-pyrrolidone (CAS# 872-50-4 / EC# 212-828-1). It will not be reformulated. Alternatives are available.

Electro-Wash[®] **NR New & Improved** (part number ES1614) contain n-propyl bromide (1-bromopropane, CAS# 106-94-5, EC# 205-445-0). These products are actively being reformulated without SVHC. Alternatives are available.

Pow-R-Wash[™] **NR New and Improved** (part number ES1613) contains n-propyl bromide (1-bromopropane, CAS# 106-94-5, EC# 205-445-0). This product is actively being reformulated without SVHC. Alternatives are available.

Max-Kleen[™] **Xtreme**[™] (part number ES2284) contain n-propyl bromide (1-bromopropane, CAS# 106-94-5, EC# 205-445-0). This product is actively being reformulated without SVHC. Alternatives are available.

Konform[™] **SR-X950 Silicone Conformal Coating - High Viscosity** (4 part numbers: CTSRX950-P, CTSRX950-1, CTSRX950-5 and CTSRX950-55) contains octamethylcyclotetrasiloxane (2,2,4,4,6,6,8,8-octamethyl-1,3,5,7,2,4,6,8-tetroxatetrasiloxane, CAS# 556-67-2 EC# 209-136-7). Alternatives are available

Konform SR-X Silicone Conformal Coating (4 part numbers: CTSRX-P, CTSRX-1, CTSRX-5 and CTSRX-55) contains octamethylcyclotetrasiloxane (2,2,4,4,6,6,8,8-octamethyl-1,3,5,7,2,4,6,8-tetroxatetrasiloxane, CAS# 556-67-2 EC# 209-136-7). Alternatives are available

Discontinued Product:

Max-Kleen[™] **Lectro-Solv**[™] (including aerosol part number ES2279 and liquid part numbers ES179, ES579, ES5579) contain trichloroethylene (CAS# 79-01-6, EC# 201-167-4). This product was discontinued in 2015.

Electro-Wash[®] **NR New & Improved** liquid part numbers ES114, ES514, ES5514) contain n-propyl bromide (1-bromopropane, CAS# 106-94-5, EC# 205-445-0). This product was discontinued in 2017.

Kontakt Restorer[®] **New and Improved** (ES1629) contains n-propyl bromide (1-bromopropane, CAS# 106-94-5, EC# 205-445-0). This product is actively being reformulated without SVHC. This product was discontinued in 2017.

Max-Kleen[™] **Xtreme**[™] (including liquid part numbers ES184, ES584, ES5584) contain n-propyl bromide (1-bromopropane, CAS# 106-94-5, EC# 205-445-0). This product was discontinued in 2017.

Four other products had 1-methyl-2-pyrrolidone (CAS# 872-50-4 / EC# 212-828-1) but they have been reformulated to remove the SVHC. They currently are being made with no SVHC and they have NOT contained SVHC since December 2011. The three reformulated products are:

CircuitWork[®] **Conformal Coating Remover Pen** (part number CW3500)

CircuitWorks[®] **The Mighty Pen**[®] (part number CW3700)

CircuitWorks[®] **No Clean Flux Remover Pen** (part number CW9100)

CircuitWorks[®] **Rosin Flux Remover Pen** (part number CW9400)

These four products, with batch numbers higher than 11365, do not contain any SVHC.

Furthermore, all Chemtronics[™] products sold by Chemtronics in Europe comply with Annex 17 of the Directive.



If you have other questions regarding REACH compliance for Chemtronics products, please contact me.

With best regards

A handwritten signature in black ink that reads "Paul Blair".

Paul Blair
Director of Marketing
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