

# Toxic Substance Reduction Plan Summary for Lead (Pb)

Tyco Safety Products Canada Ltd.

Prepared with assistance from Pollutech Environmental Ltd.

December 18, 2012



95 Bridgeland Avenue Toronto, Ontario Canada M6A 1Y7 Phone (905) 760-3000 Fax (416) 787-5470

# **Basic Facility Information**

Name and CAS #:

Lead; no single CAS number exists for this substance

Facility Name and Address:

Tyco Safety Products

95 Bridgeland Avenue

North York ON M6A 1Y7

NPRI Identification #:

10989

DUNS ID#:

243606089

CCRA Business #:

134730605

MOE Haz. Waste #:

ON1054501

NAICS 2 Code:

33 - Manufacturing

NAICS 4 Code:

3342 - Communications Equipment Manufacturing

NAICS 6 Code:

334290 - Other Communications Equipment Manufacturing

Number of Employees:

706

UTM Spatial Coordinates:

Latitude: 43.7260

Longitude: -79.4616 Datum: 1983

## **Parent Company Information**

Legal Name:

TEPG Canada Inc.

Address:

C/O McMillan LLP,

181 Bay Street, Suite 4400, Toronto, Ontario, M5J 2T3

% Owned by Company:

100%

CCRA Business Number:

859305534



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# **Company Contact Information**

Facility Public Contact:

Nick Rallis, Plant Manager

nrallis@tycoint,com

Tel. (905) 760-3000 ext. 7223

95 Bridgeland Avenue North York ON M6A 1Y7

#### Statement of Intent

Wherever feasible, Tyco intends to eliminate or reduce the use of lead in full compliance with all Federal and Provincial Regulations. Since this facility does not create lead, the plan does not address reducing the creation of lead.

## Objective of Plan

Tyco prides itself on operating in a pro-active and environmentally sustainable manner. To this end, Tyco is striving to completely eliminate the use of lead (100% reduction) at the facility by the end of 2013.

#### **Description of Toxic Substance**

Lead is used at the facility in incoming raw materials. Lead is currently present in three raw materials in the manufacture of security control devices at Tyco; leaded solder paste, leaded solder wire, and leaded solder bars.

#### Toxic Substance Reduction Options to be Implemented

The following options have been identified for implementation to reduce the use of lead at Tyco.

Option 1: Replace leaded solder paste with lead-free solder paste - intended reduction 100%

Option 2: Replace leaded solder wire with lead-free solder wire - intended reduction 100%

Option 3: Replace leaded solder bars with lead-free solder bars – (Complete as of December 2012) – actual reduction 100%

Lead reductions due to implementing the above options total a reduction of 159.87 kg (100% reduction).



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# Estimate of Reductions in Lead as the Result of Implementation of Options

***************************************	Used	Release to Air	Disposed Off-Site	Recycled Off- Site	Contained in Product
Baseline	159.87 kg	0.03208 kg	1.75 kg	37.37 kg	149.54 kg
New Estimated Amount	0 kg	0 kg	0 kg	0 kg	0 kg
Reduction	159.87 kg	0.03208 kg	1.75 kg	37.37 kg	149.54 kg
% Reduction	100%	100%	100%	100%	100%

It is anticipated that these reductions will be achieved by December 2013.

#### **Plan Summary Statement**

This plan summary accurately reflects the content of the Toxic Substance Reduction Plan for lead (Pb), prepared on behalf of Tyco Safety Products Inc. (Tyco), dated December 18, 2012.

# Copy of Certifications

As of December 21, 2012, I, Nick Rallis, certify that I have read this Toxic Substance Reduction Plan for the toxic substance referred to below and am familiar with its contents, and to my knowledge the Plan is factually accurate and complies with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

[Lead]

Nick Rallis

Plant Manager

December 21, 2012

Jecanber 21, 2012

Date

As of December 21, 2012, I, Jennifer Ann Gough, certify that I am familiar with the processes at Tyco Safety Products Inc. that use or create the toxic substance referred to below, that I agree with the estimates referred to in subparagraphs 7iii, iv and v of subsection 4(1) of the Toxics Reduction Act, 2009 that are set out in the plan dated December 18, 2012 and that the Plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.

[Lead]

Jennifer Ann Gough

Toxic Substance Reduction Planner

Licence #: 75 R PO186

Date