



**Toxic Substance Reduction Plan for Lead:  
2015 Annual Facility Information  
and Public Summary Report**

## **1.0 GENERAL FACILITY INFORMATION**

This document has been prepared to meet the requirements of Section 10 of the Toxics Reduction Act (2009) and Section 27 of Ontario Regulation 455/09 for the toxic substance lead used at the SigmaPoint Technologies Inc facility in Cornwall, Ontario.

<b>Business Name:</b>	SigmaPoint Technologies Inc.
<b>Street/Mailing Address:</b>	2880 Marleau Avenue Cornwall K6H 6G5
<b>Parent Company:</b>	N/A
<b>UTM Coordinates:</b>	524,225 m Easting, 4,987,784 m Northing (Zone 18T)
<b>Substance:</b>	Lead (CAS RN 7446-14-2)
<b>Facility NPRI ID:</b>	0000011660
<b>NAICS Code (2-, 4-, 6-Digit):</b>	33 - Manufacturing 3344 – Semiconductor and other electronic component manufacturing 334410 - Semiconductor and other electronic component manufacturing
<b>Number of Full-Time Employees:</b>	296
<b>Public Contact:</b>	Ms. Paula Fontaine Director of Human Resources (613) 937-4462

## 2.0 2015 TOXIC SUBSTANCE ACCOUNTING SUMMARY

<b>Lead Treatment</b>	<b>2015 Reporting Year Value (kg)</b>
enters the facility	>100 to 1,000
created	0
contained in product	>100 to 1,000
released to air	>0 to 1
released to water	0
released to land	0
on-site disposal	0
off-site disposal	>0 to 1
off-site recycling	>10 to 100

### 3.0 COMPARISON OF TOXIC SUBSTANCE ACCOUNTING FOR 2014 AND 2015

<b>Lead Treatment</b>	<b>2014 Reporting Year Value (kg)</b>	<b>2015 Reporting Year Value (kg)</b>	<b>Change (%)</b>
enters the facility	>100 to 1,000	>100 to 1,000	20
created	0	0	0
contained in product	>10 to 100	>100 to 1,000	802
released to air	>0 to 1	>0 to 1	97
released to water	0	0	0
released to land	0	0	0
on-site disposal	0	0	0
off-site disposal	>0 to 1	>0 to 1	75
off-site recycling	>100 to 1,000	>10 to 100	-49

#### 3.1 Reason for Change in Quantification

The 20% increase in the amount of lead that entered the facility in 2015 can be attributed to an increase in production levels and better inventory records.

The 802% increase in the amount of lead contained in product in 2015 can be attributed to an increase in production levels and better inventory records.

The 97% increase in the amount of lead released to air in 2015 can be attributed to an increase in production levels and a change in the quantification methodology.

The 75% increase in the amount of lead disposed off-site in 2015 can be attributed to an increase in production levels.

The 49% decrease in the amount of lead recycled off-site in 2015 can be attributed to improved gross production. Additionally, in 2014 the total amount of lead recycled included stockpiled materials from the 2013 operating year.

## **4.0 LEAD REDUCTION TARGETS**

### **4.1 Reduction Objectives**

SigmaPoint plans to complete an additional evaluation of options that were considered technically and economically feasible. Initial implementation steps may include: optimal use of dross stabilization; better training to prevent cross contamination; more frequent recording of dross generation rates; and evaluation of wave recycling technology. Further implementation will be subject to a more detailed review of costs and an assessment of impact on quality.

### **4.2 Steps taken during previous calendar year to implement option**

#### 4.2.1 Dross Generation

SigmaPoint Technologies Inc wave machine operators attempted to reduce dross generation.

#### 4.2.2 Labeling Procedures

SigmaPoint Technologies Inc implemented enhanced measures to segregate RoHS waste from lead waste in 2015.

### **4.3 Amount of Reduction for 2015**

#### 4.3.1 Dross Generation Reduction

There was no significant reduction in the net amount of lead used, created, contained in product, released to air/water/land, disposed on-site, disposed off-site, or recycled off-site attributable to a reduction in dross generation.

#### 4.3.2 Labeling Procedures

There was no significant reduction in the net amount of lead used, created, contained in product, released to air/water/land, disposed on-site, disposed off-site, or recycled off-site attributable to better RoHS waste labelling procedures.

### **4.4 Reduction Timelines**

SigmaPoint Technologies Inc did not specify any reduction timelines in the Toxic Substance Reduction Plan.

### **4.5 Additional Reduction Actions**

SigmaPoint Technologies Inc did not undertake any additional reduction actions during the 2015 calendar year.

**5.0 CERTIFICATION**

# ON MOE TRA - Electronic Certification Statement

## Annual Report Certification Statement

As of 31/05/2016, I, Dan Bergeron, certify that I have read the reports on the toxic substance reduction plans for the toxic substances referred to below and am familiar with their contents, and to my knowledge the information contained in the reports is factually accurate and the reports comply with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

### TRA Substance List

CAS RN  
Substance Name

NA - 08

Lead (and its compounds)

### Company Name

SigmaPoint Technologies Inc.

### Highest Ranking Employee

Dan Bergeron

### Report Submitted by

Dan Bergeron

### Website address

I, the highest ranking employee, agree with the certification statement(s) above and acknowledge that by checking the box I am electronically signing the statement(s). I also acknowledge that by pressing the 'Submit Report(s)' button I am submitting the facility record(s)/report(s) for the identified facility to the Director under the Toxics Reduction Act, 2009. I also acknowledge that the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 provide the authority to the Director under the Act to make certain information as specified in subsection 27(5) of Ontario Regulation 455/09 available to the public.

## Submitted Report

Period  
Submission Date  
Facility Name  
Province  
City  
Programs

2015

31/05/2016

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SigmaPoint Cornwall

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Ontario

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Cornwall

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