



**Toxic Substance Reduction Plan for Lead:
2016 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.

Business Name:	SigmaPoint Technologies Inc.
Street/Mailing Address:	2880 Marleau Avenue Cornwall K6H 6G5
Parent Company:	N/A
UTM Coordinates:	524,225 m Easting, 4,987,784 m Northing (Zone 18T)
Substance:	Lead (CAS RN 7446-14-2)
Facility NPRI ID:	0000011660
NAICS Code (2-, 4-, 6-Digit):	33 - Manufacturing 3344 – Semiconductor and other electronic component manufacturing 334410 - Semiconductor and other electronic component manufacturing
Number of Full-Time Employees:	318
Public Contact:	Ms. Paula Fontaine Director of Human Resources (613) 937-4462

2.0 2016 TOXIC SUBSTANCE ACCOUNTING SUMMARY

Lead Treatment	2016 Reporting Year Value (kg)
enters the facility	>100 to 1,000
created	0
contained in product	>10 to 100
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	>100 to 1000

3.0 COMPARISON OF TOXIC SUBSTANCE ACCOUNTING FOR 2015 AND 2016

Lead Treatment	2015 Reporting Year Value (kg)	2016 Reporting Year Value (kg)	Change (%)
enters the facility	>100 to 1,000	>100 to 1,000	106
created	0	0	0
contained in product	>100 to 1000	>10 to 100	-32
released to air	>0 to 1	>0 to 1	30
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	-62
off-site recycling	>10 to 100	>100 to 1000	101

3.1 Reason for Change in Quantification

The 106% increase in the amount of lead that entered the facility in 2016 can be attributed to a change in production levels and conversion of a ROHS machine.

The 32% decrease in the amount of lead contained in product in 2016 can be attributed to a change in production levels and conversion of a ROHS machine.

The 30% increase in the amount of lead released to air in 2016 can be attributed to a change in production levels and conversion of a ROHS machine.

The 62% decrease in the amount of lead disposed off-site in 2016 can be attributed to a change in production levels.

The 101% increase in the amount of lead recycled off-site in 2016 can be attributed to the conversion of a ROHS machine.

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 2016.

4.3 Amount of Reduction for 2016

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 2016 calendar year.

5.0 CERTIFICATION

Report Submission and Electronic Certification

NPRI - Electronic Statement of Certification

Specify the language of correspondence

Comments (optional)

I hereby certify that I have exercised due diligence to ensure that the submitted information is true and complete. The amounts and values for the facility(ies) identified below are accurate, based on reasonable estimates using available data. The data for the facility(ies) that I represent are hereby submitted to the programs identified below using the Single Window Reporting Application.

I also acknowledge that the data will be made public.

Note: Only the person identified as the Certifying Official or the authorized delegate should submit the report(s) identified below.

Company Name

Certifying Official (or authorized delegate)

Report Submitted by

I, the Certifying Official or authorized delegate, agree with the statements above and acknowledge that by pressing the "Submit Report(s)" button, I am electronically certifying and submitting the facility report(s) for the identified company to its affiliated programs.

ON MOE TRA - Electronic Certification Statement

Annual Report Certification Statement

As of 30/05/2017, 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

Company Name

SigmaPoint Technologies Inc.

Highest Ranking Employee

Dan Bergeron

Report Submitted by

Paula Fontaine

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
2016	30/05/2017	SigmaPoint Cornwall	Ontario	Cornwall	NPRI, ON MOE TRA

Note: If there is a change in the contact information for the facility, a change in the owner or operator of the facility, if operations at the facility are terminated, or if information submitted for any previous year was mistaken or inaccurate, please update this information through SWIM or by contacting the National Pollutant Release Inventory directly.