

## National Silicates

### Toxics Reduction Public Summary Report

**Facility Information**

Company Name	National Silicates
Facility Name	National Silicates
Facility Physical Address	429 Kipling Avenue
Facility Mailing Address	Etobicoke, ON M8Z 5C7
Spatial Coordinates of Facility	619516.93 m E, 4829301.18 m N (NAD83)
Number of Employees	24
NPRI ID	10279
2 Digit NAICS Code	32
4 Digit NAICS Code	3251
6 Digit NAICS Code	325189

**Parent Company Information**

Parent Company Name	PQ Corporation
Address	300 Lindenwood Dr. Malvern, PA 19355
Percent Ownership (if available)	100.00%

**Facility Contact**

Public Contact	Jennie Houle
Position	Environmental, Health & Safety Manager
Address	429 Kipling Avenue, Etobicoke, ON M8Z 5C7
email	Jennie.Houle@silicates.com
Phone	416-255-7771 x 149
Fax	416-201-4347

**Date of Summary**

Reporting Year	2015
Summary Date	June 1, 2016

**Phase 1 Toxics Substances Reported**

N/A

**Phase 2 Toxics Substances Reported**

PM10, PM2.5

**Copy of Certification:**

As of June 1, 2016, I certify that I have read the report on the toxic substance reduction plan(s) for the toxics listed above and am familiar with their contents and to my knowledge the information contained in the report(s) is factually accurate and complies with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

The original version of this report is signed off by:

Highest Ranking Employee:

Title:

(LARRY MASARO)

*Larry Masaro*

DIRECTOR NORTH AMERICAN PLANT OPERATIONS

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#### Substance Information and Plan Objective

Substance Name	PM2.5 - PARTICULATE MATTER <=2.5MICRONS
CAS #	
Report Date:	1-Jun-16
Plan Date:	31-Dec-13
Plan Objectives and Targets	National Silicates intends to reduce the emissions of particulate matter by using drapes during railcar unloading.

#### Toxics Substance Accounting and Comparison

Pathways	2014	2015	Delta	Delta %
Units reported	tonnes	tonnes		
U - Enters the Process (Raw Materials)	0	0	0	NA
C - Created	>1 to 10	>1 to 10	>0 to -1	-30.8%
P - In a product that leaves the process	0	0	0	NA
Summary of reasons for changes between current year and previous year.	No significant change; updated emission factors from worstcase to reflect annual scenario			

On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching for this facility at <http://www.ec.gc.ca/inrp-npri/default.asp?lang=en>

#### Progress in Implementing Plan

Summary of steps taken during the previous calendar year to implement the plan and a summary of the toxics reductions achieved as a result of the steps taken.	None. Facility implementation schedule did not include any steps for 2015.
Summary of additional actions taken during the previous calendar year that impacted the toxic, and a summary of the steps and toxics reductions achieved as a result of those actions.	None. Facility implementation schedule did not include any steps for 2015.
Summary of differences between steps taken and those set out in the plan.	None. Facility implementation schedule did not include any steps for 2015.
Description of amendments to the plan.	None. Facility implementation schedule did not include any steps for 2015.

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### Toxics Reduction Public Summary Report

#### Substance Information and Plan Objective

Substance Name	PM10 - PARTICULATE MATTER <=10MICRONS
CAS #	
Report Date:	1-Jun-16
Plan Date:	31-Dec-13
Plan Objectives and Targets	National Silicates intends to reduce the emissions of particulate matter by using drapes during railcar unloading.

#### Toxics Substance Accounting and Comparison

Pathways	2014	2015	Delta	Delta %
Units reported	tonnes	tonnes		
U - Enters the Process (Raw Materials)	0	0	0	NA
C - Created	>1 to 10	>1 to 10	>0 to -1	-31.0%
P - In a product that leaves the process	0	0	0	NA
Summary of reasons for changes between current year and previous year.	No significant change; updated emission factors from worstcase to reflect annual scenario			

On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching for this facility at <http://www.ec.gc.ca/inrp-npri/default.asp?lang=en>

#### Progress in Implementing Plan

Summary of steps taken during the previous calendar year to implement the plan and a summary of the toxics reductions achieved as a result of the steps taken.	None. Facility implementation schedule did not include any steps for 2015.
Summary of additional actions taken during the previous calendar year that impacted the toxic, and a summary of the steps and toxics reductions achieved as a result of those actions.	None. Facility implementation schedule did not include any steps for 2015.
Summary of differences between steps taken and those set out in the plan.	None. Facility implementation schedule did not include any steps for 2015.
Description of amendments to the plan.	None. Facility implementation schedule did not include any steps for 2015.