

National Pollutant Release Inventory (NPRI) and



Partners

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Report Preview

Report Details

Report Year	2016
Report Type:	NPRI,ON MOE TRA
Report Status:	Submitted
Modified Date/Time:	30/05/2017 11:21 AM

Company and Facility Details

Company Name:	Infinity Rubber Technology Group
Business Number:	100522085
Mailing Address:	Delivery Mode: GeneralDelivery Address Line 1: 100 Kennedy St., Street City, Province/Territory, Postal Code: Welland Ontario L3B 0B4 Country: Canada
Facility Name:	Infinity Rubber - Welland Plant
NAICS Code:	326290
NPRI ID:	351
Physical Address:	Address Line 1: 100 Kennedy Street City, Province/Territory, Postal Code: Welland Ontario L3B 0B4 Country: Canada Latitude: 42.99769 Longitude: -79.23819 UTM Zone: 17 UTM Easting: 643608 UTM Northing: 4762063

Parent Companies

Company Name:	BRI Holdings Inc.
Business Number:	839039096
Mailing Address:	Delivery Mode: GeneralDelivery Address Line 1: 100 Kennedy St. Street City, Province/Territory, Postal Code: Welland Ontario L3B 0B4 Country: Canada

Contacts Details

Contact Type	Technical Contact
Name:	Mario D'Orante
Position:	Technical Manager
Telephone:	9057356366
Fax:	9057359992

Email:	Mdorante@infinityrubber.com
Contact Type	Certifying Official, Person who coordinated the preparation of the Toxics Reduction Plan
Name:	Ulla Jokinen
Position:	Planner
Telephone:	4163912527
Fax:	4163911931
Email:	ujokinen@trinityconsultants.com
Contact Type	Company Coordinator, Person who prepared the report
Name:	John Tjioe
Position:	Plant Engineer
Telephone:	9057356366
Fax:	9057359992
Email:	jtjioe@infinityrubber.com
Contact Type	Highest Ranking Employee
Name:	James Chung
Position:	President
Telephone:	9057356366
Fax:	9057359992
Email:	jchung@infinityrubber.com
Mailing Address:	Address Line 1: 100 Kennedy St. Street South City, Province/Territory, Postal Code: Welland Ontario L3B 0B4 Country: Canada
Contact Type	Public Contact
Name:	Scott Baird
Position:	Director of tech support
Telephone:	9057356366
Fax:	9057359992
Email:	sbaird@infinityrubber.com

General Information

Number of employees:	46
Activities for Which the 20,000-Hour Employee Threshold Does Not Apply:	None of the above
Activities Relevant to Reporting Dioxins, Furans and Hexachlorobenzene:	None of the above
Activities Relevant to Reporting of Polycyclic Aromatic Hydrocarbons (PAHs):	Wood preservation using creosote: No
Is this the first time the facility is reporting to the NPRI (under current or past ownership):	No
Is the facility controlled by another Canadian company or companies:	Yes
Did the facility report under other environmental regulations or permits:	No
Is the facility required to report one or more NPRI Part 4 substances (Criteria Air Contaminants):	Yes

Was the facility shut down for more than one week during the year:

Yes

Operating Schedule - Days of the Week:

Mon, Tue, Wed, Thu, Fri

Usual Number of Operating Hours per day:

15

Usual Daily Start Time (24h) (hh:mm):

07:00

Shutdown Periods:

From 2016-12-22 To 2016-12-31

Christmas holiday

Substance List

CAS RN	Substance Name	Releases	Releases (Speciated VOCs)	Disposals	Recycling	Unit
106-99-0	1,3-Butadiene	2.3920	N/A	N/A	N/A	tonnes
107-13-1	Acrylonitrile	0.8750	N/A	N/A	N/A	kg
NA - 08	Lead (and its compounds)	N/A	N/A	N/A	N/A	kg
NA - M09	PM10 - Particulate Matter <= 10 Microns	1.1680	N/A	N/A	N/A	tonnes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	1.1600	N/A	N/A	N/A	tonnes
NA - 14	Zinc (and its compounds)	N/A	N/A	N/A	N/A	tonnes

Applicable Programs

CAS RN	Substance Name	NPRI	ON MOE TRA	ON MOE Reg 127/01	First report for this substance to the ON MOE TRA
106-99-0	1,3-Butadiene	Yes	Yes		Yes
107-13-1	Acrylonitrile	Yes	Yes		Yes
NA - 08	Lead (and its compounds)	Yes	Yes		Yes
NA - M09	PM10 - Particulate Matter <= 10 Microns	Yes	Yes		Yes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Yes	Yes		Yes
NA - 14	Zinc (and its compounds)	Yes	Yes		Yes

General Information about the Substance - Releases and Transfers of the Substance

CAS RN	Substance Name	Was the substance released on-site	The substance will be reported as the sum of releases to all media (total of 1 tonne or less)	1 tonne or more of a Part 5 Substance (Speciated VOC) was released to air
106-99-0	1,3-Butadiene	Yes	No	No
107-13-1	Acrylonitrile	Yes	No	No
NA - 08	Lead (and its compounds)	No	No	No
NA - 14	Zinc (and its compounds)	No	No	No

General Information about the Substance - Disposals and Off-site Transfers for Recycling

CAS RN	Substance Name	Was the substance disposed of (on-site or off-site), or transferred for treatment prior to final disposal	Is the facility required to report on disposals of tailings and waste rock for the selected reporting period	Was the substance transferred off-site for recycling
106-99-0	1,3-Butadiene	No	No	No
107-13-1	Acrylonitrile	No	No	No
NA - 08	Lead (and its compounds)	No	No	No
NA - 14	Zinc (and its compounds)	No	No	No

General Information about the Substance - Nature of Activities

CAS RN	Substance Name	Manufacture the Substance	Process the Substance	Otherwise Use of the Substance
106-99-0	1,3-Butadiene	For on-site use/processing	As a formulation component	
107-13-1	Acrylonitrile	For on-site use/processing	As a formulation component	
NA - 08	Lead (and its compounds)	For on-site use/processing	As a formulation component	
NA - 14	Zinc (and its compounds)	For on-site use/processing	As a formulation component	

Substances added to/removed from the report

CAS RN	Substance Name	Added/Removed	Comment
117-81-7	Bis(2-ethylhexyl) phthalate	Removed	The substance did not meet the reporting threshold

TRA Quantifications

CAS RN	Substance Name	Use, Creation, Contained in Product	Quantity	Use ranges for public reporting
106-99-0	1,3-Butadiene	Use	72.091 tonnes	No
106-99-0	1,3-Butadiene	Creation	0 tonnes	No
106-99-0	1,3-Butadiene	Contained in Product	72.087 tonnes	No
107-13-1	Acrylonitrile	Use	11981 kg	No
107-13-1	Acrylonitrile	Creation	0 kg	No
107-13-1	Acrylonitrile	Contained in Product	11980 kg	No
NA - 08	Lead (and its compounds)	Use	11197 kg	No
NA - 08	Lead (and its compounds)	Creation	0 kg	No
NA - 08	Lead (and its compounds)	Contained in Product	11195 kg	No
NA - M09	PM10 - Particulate Matter <= 10 Microns	Use	0 tonnes	No
NA - M09	PM10 - Particulate Matter <= 10 Microns	Creation	0 tonnes	No
NA - M09	PM10 - Particulate Matter <= 10 Microns	Contained in Product		
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Use	0 tonnes	No
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Creation	0 tonnes	No
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Contained in Product		
NA - 14	Zinc (and its compounds)	Use	77.305 tonnes	No
NA - 14	Zinc (and its compounds)	Creation	0 tonnes	No
NA - 14	Zinc (and its compounds)	Contained in Product	74.058 tonnes	No

TRA Quantifications - Others

CAS RN	Substance Name	Change in Method of Quantification	Reasons for Change	Description of how the change impact tracking and quantification of the substance	Description of how an incident(s) affected quantifications	Significant Process Change
106-99-0	1,3-Butadiene					No
107-13-1	Acrylonitrile					No
NA - 08	Lead (and its compounds)					No
NA - M09	PM10 - Particulate Matter <= 10 Microns					No
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns					No
NA - 14	Zinc (and its compounds)					No

On-site Releases - Releases to air

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
106-99-0	1,3-Butadiene	Stack or Point Releases	O - Engineering Estimates		2.392 tonnes
NA - M09	PM10 - Particulate Matter <= 10 Microns	Stack or Point Releases	O - Engineering Estimates		1.168 tonnes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Stack or Point Releases	O - Engineering Estimates		1.160 tonnes

On-site Releases - Releases to air - Total

CAS RN	Substance Name	Total - Releases to Air
106-99-0	1,3-Butadiene	2.392 tonnes
NA - M09	PM10 - Particulate Matter <= 10 Microns	1.168 tonnes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	1.160 tonnes

On-site Releases - Releases to land

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
107-13-1	Acrylonitrile	Other	C - Mass Balance		0.875 kg

Onsite Releases - Nature of Other Land Release

CAS RN	Substance Name	Nature of Other Land Release
107-13-1	Acrylonitrile	as rubber scrap

On-site Releases - Releases to land - Total

CAS RN	Substance Name	Total - Releases to Land
107-13-1	Acrylonitrile	0.875 kg

On-site Releases - Total

CAS RN	Substance Name	Total releases
106-99-0	1,3-Butadiene	2.392 tonnes
107-13-1	Acrylonitrile	0.875 kg

On-site Releases - Quarterly Breakdown of Annual Releases

CAS RN	Substance Name	Quarter 1	Quarter 2	Quarter 3	Quarter 4
106-99-0	1,3-Butadiene	25	25	25	25
107-13-1	Acrylonitrile	25	25	25	25

On-site Releases - Monthly Breakdown of Annual Releases

CAS RN	Substance Name	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
NA - M09	PM10 - Particulate Matter <= 10 Microns	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.37	8.33	8.33
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.37	8.33	8.33

On-site Releases - Reasons for Changes in Quantities Released from Previous Year

CAS RN	Substance Name	Reasons for Changes in Quantities from Previous Year	Comments
106-99-0	1,3-Butadiene	No significant change (i.e. < 10%) or no change	
107-13-1	Acrylonitrile	No significant change (i.e. < 10%) or no change	
NA - 08	Lead (and its compounds)	No significant change (i.e. < 10%) or no change	
NA - 14	Zinc (and its compounds)	No significant change (i.e. < 10%) or no change	
NA - M09	PM10 - Particulate Matter <= 10 Microns	No significant change (i.e. < 10%) or no change	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No significant change (i.e. < 10%) or no change	

Disposals - Reasons and Comments

CAS RN	Substance Name	Reasons Why Substance Was Disposed	Reasons for Changes in Quantities from Previous Year	Comments
106-99-0	1,3-Butadiene		No significant change (i.e. < 10%) or no change	
107-13-1	Acrylonitrile		No significant change (i.e. < 10%) or no change	
NA - 08	Lead (and its compounds)		No significant change (i.e. < 10%) or no change	
NA - 14	Zinc (and its compounds)		No significant change (i.e. < 10%) or no change	

Recycling - Reasons and Comments

CAS RN	Substance Name	Reasons Why Substance Was Recycled	Reasons for Changes in Quantities Recycled from Previous Year	Comments
106-99-0	1,3-Butadiene		No significant change (i.e. < 10%) or no change	
107-13-1	Acrylonitrile		No significant change (i.e. < 10%) or no change	
NA - 08	Lead (and its compounds)		No significant change (i.e. < 10%) or no change	
NA - 14	Zinc (and its compounds)		No significant change (i.e. < 10%) or no change	

Pollution Prevention

Does the facility have a documented pollution prevention plan?

Yes

a) Please check all that apply

Plan was prepared or implemented on a voluntary basis.

b) Did the facility update their plan in the current reporting year?

No

c) Does the plan address substances, energy conservation, or water conservation?

Substances

Please summarize your pollution prevention plan and/or your pollution prevention activities (this information will be publicly available)

Infinity Rubber is planning to install additional dust collector and filtering system. Scheduled for operation July 2017

Report Submission and Electronic Certification

NPRI - Electronic Statement of Certification

Specify the language of correspondence

English

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

Infinity Rubber Technology Group

Certifying Official (or authorized delegate)

Ulla Jokinen

Report Submitted by

John Tjioe

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, James Chung, 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
106-99-0	1,3-Butadiene
107-13-1	Acrylonitrile
NA - 08	Lead (and its compounds)
NA - M09	PM10 - Particulate Matter <= 10 Microns
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns
NA - 14	Zinc (and its compounds)

Company Name

Infinity Rubber Technology Group

Highest Ranking Employee

James Chung

Report Submitted by

John Tjioe

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	Infinity Rubber - Welland Plant	Ontario	Welland	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



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