



National Pollutant Release Inventory (NPRI) and Partners



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Report Preview

Report Details

Report Year	2017
Report Type:	NPRI,ON MOE TRA
Report Status:	Submitted
Modified Date/Time:	31/05/2018 11:03 PM

Company and Facility Details

Company Name:	Vitafoam Products Canada - Toronto Division
Business Number:	105549034
Mailing Address:	Delivery Mode: GeneralDelivery Address Line 1: 150 Toro Road City, Province/Territory, Postal Code: Toronto Ontario M3J2A9 Country: Canada
Facility Name:	Vitafoam Products Canada - Toronto, a Division of VPC Group Inc.
NAICS Code:	326150
NPRI ID:	4552
ON Reg 127/01 ID:	6594
Physical Address:	Address Line 1: 150 Toro Road City, Province/Territory, Postal Code: Downsview Ontario M3J2A9 Country: Canada Latitude: 43.7625 Longitude: -79.4812 UTM Zone: 17 UTM Easting: 622252 UTM Northing: 4846606

Parent Companies

Company Name:	VPC Group Inc.
Business Number:	105549034
Mailing Address:	Delivery Mode: GeneralDelivery Address Line 1: 150 Toro Road City, Province/Territory, Postal Code: Toronto Ontario M3J 2A9 Country: Canada

Contacts Details

Contact Type	Technical Contact, Contractor Contact, Person who prepared the report
Name:	Mark Cotter
Position:	Principal

Telephone:	4164718774
Email:	mcotter@cotterassociates.ca
Independent contractor/consultant company name:	Cotter Associates Ltd.
Contact Type	Certifying Official, Highest Ranking Employee
Name:	Martin Farah
Position:	General Manager
Telephone:	6479998344
Email:	mfarah@vpcgroup.com
Contact Type	Person who coordinated the preparation of the Toxics Reduction Plan
Name:	Wendy Nadan
Position:	Principal
Telephone:	5199404724
Email:	wendy@nadanconsulting.com
Mailing Address:	Delivery Mode: SuburbanServices Address Line 1: 151 Montgomery Boulevard City, Province/Territory, Postal Code: Orangeville Ontario L9W 5C1 Country: Canada

General Information

Number of employees:	70
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:	No
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):	No

Substance List

CAS RN	Substance Name	Releases	Releases (Speciated VOCs)	Disposals	Recycling	Unit
111-42-2	Diethanolamine (and its salts)	N/A	N/A	N/A	N/A	tonnes
101-68-8	Methylenebis(phenylisocyanate)	0.0007	N/A	N/A	N/A	tonnes
9016-87-9	Polymeric diphenylmethane diisocyanate	0.0009	N/A	N/A	N/A	tonnes
26471-62-5	Toluenediisocyanate (mixed isomers)	14.2000	N/A	N/A	N/A	kg

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
111-42-2	Diethanolamine (and its salts)	No	No		No

CAS RN	Substance Name	NPRI	ON MOE TRA	ON MOE Reg 127/01	First report for this substance to the ON MOE TRA
101-68-8	Methylenebis(phenylisocyanate)	Yes	Yes		No
9016-87-9	Polymeric diphenylmethane diisocyanate	Yes	Yes		No
26471-62-5	Toluenediisocyanate (mixed isomers)	Yes	Yes		No

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
111-42-2	Diethanolamine (and its salts)	No	No	No
101-68-8	Methylenebis(phenylisocyanate)	Yes	Yes	No
9016-87-9	Polymeric diphenylmethane diisocyanate	Yes	Yes	No
26471-62-5	Toluenediisocyanate (mixed isomers)	Yes	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
111-42-2	Diethanolamine (and its salts)	No	No	No
101-68-8	Methylenebis(phenylisocyanate)	No	No	No
9016-87-9	Polymeric diphenylmethane diisocyanate	No	No	No
26471-62-5	Toluenediisocyanate (mixed isomers)	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
111-42-2	Diethanolamine (and its salts)		As a reactant	
101-68-8	Methylenebis(phenylisocyanate)		As a reactant	
9016-87-9	Polymeric diphenylmethane diisocyanate		As a reactant	
26471-62-5	Toluenediisocyanate (mixed isomers)		As a reactant	

TRA Quantifications

CAS RN	Substance Name	Use, Creation, Contained in Product	Quantity	Use ranges for public reporting
111-42-2	Diethanolamine (and its salts)	Use	0.299 tonnes	Yes
111-42-2	Diethanolamine (and its salts)	Creation	0 tonnes	No
111-42-2	Diethanolamine (and its salts)	Contained in Product	0 tonnes	Yes
101-68-8	Methylenebis(phenylisocyanate)	Use	32.910 tonnes	Yes
101-68-8	Methylenebis(phenylisocyanate)	Creation	0 tonnes	No
101-68-8	Methylenebis(phenylisocyanate)	Contained in Product	0 tonnes	No
9016-87-9	Polymeric diphenylmethane diisocyanate	Use	45.482 tonnes	Yes
9016-87-9	Polymeric diphenylmethane diisocyanate	Creation	0 tonnes	No
9016-87-9	Polymeric diphenylmethane diisocyanate	Contained in Product	0 tonnes	No
26471-62-5	Toluenediisocyanate (mixed isomers)	Use	3901313 kg	Yes
26471-62-5	Toluenediisocyanate (mixed isomers)	Creation	0 kg	No
26471-62-5	Toluenediisocyanate (mixed isomers)	Contained in Product	0 kg	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
111-42-2	Diethanolamine (and its salts)					No
101-68-8	Methylenebis(phenylisocyanate)					No
9016-87-9	Polymeric diphenylmethane diisocyanate					No
26471-62-5	Toluenediisocyanate (mixed isomers)					No

On-site Releases - Releases to air

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
26471-62-5	Toluenediisocyanate (mixed isomers)	Stack or Point Releases	O - Engineering Estimates		14.2 kg

On-site Releases - Releases to air - Total

CAS RN	Substance Name	Total - Releases to Air
26471-62-5	Toluenediisocyanate (mixed isomers)	14.2 kg

Total Quantity Released (All Media)

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
101-68-8	Methylenebis(phenylisocyanate)	Total Quantity Released	O - Engineering Estimates		0.0007 tonnes
9016-87-9	Polymeric diphenylmethane diisocyanate	Total Quantity Released	O - Engineering Estimates		0.0009 tonnes

On-site Releases - Total

CAS RN	Substance Name	Total releases
26471-62-5	Toluenediisocyanate (mixed isomers)	14.2 kg

On-site Releases - Quarterly Breakdown of Annual Releases

CAS RN	Substance Name	Quarter 1	Quarter 2	Quarter 3	Quarter 4
101-68-8	Methylenebis(phenylisocyanate)	25	25	25	25
9016-87-9	Polymeric diphenylmethane diisocyanate	25	25	25	25
26471-62-5	Toluenediisocyanate (mixed isomers)	25	25	25	25

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
101-68-8	Methylenebis(phenylisocyanate)	No significant change (i.e. < 10%) or no change	
111-42-2	Diethanolamine (and its salts)	No significant change (i.e. < 10%) or no change	The substance was NOT released on-site, as indicated in a previous questions.
26471-62-5	Toluenediisocyanate (mixed isomers)	No significant change (i.e. < 10%) or no change	
9016-87-9	Polymeric diphenylmethane diisocyanate	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
101-68-8	Methylenebis(phenylisocyanate)		No significant change (i.e. < 10%) or no change	Substance is not disposed.
111-42-2	Diethanolamine (and its salts)		No significant change (i.e. < 10%) or no change	The substance was NOT disposed of, as already indicated.
26471-62-5	Toluenediisocyanate (mixed isomers)		No significant change (i.e. < 10%) or no change	The substance is NOT disposed.
9016-87-9	Polymeric diphenylmethane diisocyanate		No significant change (i.e. < 10%) or no change	Substance is not disposed.

Recycling - Reasons and Comments

CAS RN	Substance Name	Reasons Why Substance Was Recycled	Reasons for Changes in Quantities Recycled from Previous Year	Comments
101-68-8	Methylenebis(phenylisocyanate)		No significant change (i.e. < 10%) or no change	Substance is not recycled.
111-42-2	Diethanolamine (and its salts)		No significant change (i.e. < 10%) or no change	The substance was NOT released, as previously indicated (but there is no option here to say NOT APPLICABLE, other than that qualified statement about it being the first year).
26471-62-5	Toluenediisocyanate (mixed isomers)		No significant change (i.e. < 10%) or no change	The substance is NOT recycled. There is no option to state that.
9016-87-9	Polymeric diphenylmethane diisocyanate		No significant change (i.e. < 10%) or no change	Substance is not recycled.

Comparison Report - Enters, Creation, Contained in Product

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
111-42-2	Diethanolamine (and its salts)	No	Enters the facility (Use)	0.299 tonnes	6.679 tonnes	2016	-6.380	-95.52
111-42-2	Diethanolamine (and its salts)	No	Creation	0 tonnes	0 tonnes	2016	0	
111-42-2	Diethanolamine (and its salts)	No	Contained in Product	0 tonnes	0 tonnes	2016	0	
101-68-8	Methylenebis(phenylisocyanate)	No	Enters the facility (Use)	32.910 tonnes	35.745 tonnes	2016	-2.835	-7.93
101-68-8	Methylenebis(phenylisocyanate)	No	Creation	0 tonnes	0 tonnes	2016	0	
101-68-8	Methylenebis(phenylisocyanate)	No	Contained in Product	0 tonnes	0 tonnes	2016	0	
9016-87-9	Polymeric diphenylmethane diisocyanate	No	Enters the facility (Use)	45.482 tonnes	38.590 tonnes	2016	6.892	17.86
9016-87-9	Polymeric diphenylmethane diisocyanate	No	Creation	0 tonnes	0 tonnes	2016	0	
9016-87-9	Polymeric diphenylmethane diisocyanate	No	Contained in Product	0 tonnes	0 tonnes	2016	0	
26471-62-5	Toluenediisocyanate (mixed isomers)	No	Enters the facility (Use)	3901313 kg	3824782 kg	2016	76531	2.00
26471-62-5	Toluenediisocyanate (mixed isomers)	No	Creation	0 kg	0 kg	2016	0	
26471-62-5	Toluenediisocyanate (mixed isomers)	No	Contained in Product	0 kg	0 kg	2016	0	

Comparison Report - Enters, Creation, Contained in Product : Reason(s) for Change

CAS RN	Substance Name	Reason(s) for Change	Other Reason
111-42-2	Diethanolamine (and its salts)	Implementation of actions outside of toxics reduction plan	
101-68-8	Methylenebis(phenylisocyanate)	No reasons - quantities approximately the same	
9016-87-9	Polymeric diphenylmethane diisocyanate	Increase in production levels	
26471-62-5	Toluenediisocyanate (mixed isomers)	No reasons - quantities approximately the same	

Comparison Report - On-site Releases

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
101-68-8	Methylenebis(phenylisocyanate)	No	Total Releases to Air	0 tonnes	0 tonnes	2016	0	
101-68-8	Methylenebis(phenylisocyanate)	No	Total Releases to Water	0 tonnes	0 tonnes	2016	0	
101-68-8	Methylenebis(phenylisocyanate)	No	Total Releases to Land	0 tonnes	0 tonnes	2016	0	
101-68-8	Methylenebis(phenylisocyanate)	No	Total Releases to All Media	0.0007 tonnes	0.0007 tonnes	2016	0.0000	0
9016-87-9	Polymeric diphenylmethane diisocyanate	No	Total Releases to Air	0 tonnes	0 tonnes	2016	0	
9016-87-9	Polymeric diphenylmethane diisocyanate	No	Total Releases to Water	0 tonnes	0 tonnes	2016	0	
9016-87-9	Polymeric diphenylmethane diisocyanate	No	Total Releases to Land	0 tonnes	0 tonnes	2016	0	
9016-87-9	Polymeric diphenylmethane diisocyanate	No	Total Releases to All Media	0.0009 tonnes	0.0008 tonnes	2016	0.0001	12.50
26471-62-5	Toluenediisocyanate (mixed isomers)	No	Total Releases to Air	14.2 kg	14.0 kg	2016	0.2	1.43
26471-62-5	Toluenediisocyanate (mixed isomers)	No	Total Releases to Water	0 kg	0 kg	2016	0	
26471-62-5	Toluenediisocyanate (mixed isomers)	No	Total Releases to Land	0 kg	0 kg	2016	0	
26471-62-5	Toluenediisocyanate (mixed isomers)	No	Total Releases to All Media	0 kg	0 kg	2016	0	

Comparison Report - On-site Releases - Reason(s) for Change

CAS RN	Substance Name	Reason(s) for Change	Other Reason
101-68-8	Methylenebis(phenylisocyanate)	No reasons - quantities approximately the same	
9016-87-9	Polymeric diphenylmethane diisocyanate	Increase in production levels	
26471-62-5	Toluenediisocyanate (mixed isomers)	No reasons - quantities approximately the same	

Pollution Prevention

Does the facility have a documented pollution prevention plan?

Yes

a) Please check all that apply

Plan was required by a [P2 Planning Notice](#) published under the Canadian Environmental Protection Act, 1999? Select from the list of notices below.

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 (provide the name of the primary Substances in the comments field below)

Please summarize your pollution prevention plan. If you selected "Substances", please specify the substances that were addressed in your plan (this information will be publicly available).

P2 Plan for TDI developed in 2012/2013.

Did the facility complete any pollution prevention activities in the current NPRI reporting year

No

Progress on TRA Plan - Objectives

CAS RN	Substance Name	Objectives
111-42-2	Diethanolamine (and its salts)	None
101-68-8	Methylenebis(phenylisocyanate)	none
9016-87-9	Polymeric diphenylmethane diisocyanate	none
26471-62-5	Toluenediisocyanate (mixed isomers)	None

Progress on TRA Plan - Use Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
111-42-2	Diethanolamine (and its salts)	No quantity target	No timeline target	
101-68-8	Methylenebis(phenylisocyanate)	No quantity target	No timeline target	
9016-87-9	Polymeric diphenylmethane diisocyanate	No quantity target	No timeline target	
26471-62-5	Toluenediisocyanate (mixed isomers)	No quantity target	No timeline target	

Progress on TRA Plan - Creation Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
111-42-2	Diethanolamine (and its salts)	No quantity target	No timeline target	
101-68-8	Methylenebis(phenylisocyanate)	No quantity target	No timeline target	
9016-87-9	Polymeric diphenylmethane diisocyanate	No quantity target	No timeline target	
26471-62-5	Toluenediisocyanate (mixed isomers)	No quantity target	No timeline target	

Progress on TRA Plan - Additional Actions

CAS RN	Substance Name	Were there any additional actions outside the plan taken during the reporting period to reduce the use and/or creation of the substance?	Describe any additional actions that were taken during the reporting period to achieve the plan's objectives	Provide a public summary of the description of the additional action taken
111-42-2	Diethanolamine (and its salts)	No		
101-68-8	Methylenebis(phenylisocyanate)	No		
9016-87-9	Polymeric diphenylmethane diisocyanate	No		
26471-62-5	Toluenediisocyanate (mixed isomers)	No		

Progress on TRA Plan - Reductions due to additional actions taken

CAS RN	Substance Name	Reductions due to additional actions taken	Quantity
111-42-2	Diethanolamine (and its salts)	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions.	
111-42-2	Diethanolamine (and its salts)	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions.	
111-42-2	Diethanolamine (and its salts)	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the additional actions.	
111-42-2	Diethanolamine (and its salts)	The amount of reduction in release to air of the substance at the facility during the reporting period that resulted due to the additional actions.	

CAS RN	Substance Name	Were any amendments made to the toxic substance reduction plan during the reporting period	Description any amendments that were made to the toxic substance reduction plan during the reporting period	Provide a public summary of the description of any amendments that were made to the toxic substance reduction plan during the reporting period
101-68-8	Methylenebis(phenylisocyanate)	No		
9016-87-9	Polymeric diphenylmethane diisocyanate	No		
26471-62-5	Toluenediisocyanate (mixed isomers)	No		

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

Vitafoam Products Canada - Toronto Division

Certifying Official (or authorized delegate)

Martin Farah

Report Submitted by

Martin Farah

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 31/05/2018, I, Martin Farah, 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
111-42-2	Diethanolamine (and its salts)
101-68-8	Methylenebis(phenylisocyanate)
9016-87-9	Polymeric diphenylmethane diisocyanate
26471-62-5	Toluenediisocyanate (mixed isomers)

Company Name

Vitafoam Products Canada - Toronto Division

Highest Ranking Employee

Martin Farah

Report Submitted by

Martin Farah

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
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2017

31/05/2018

Vitafoam
Products Canada
- Toronto, a
Division of VPC
Group Inc.

Ontario

Downsview

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.

Version: 3.14.0



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