National Pollutant Release Inventory (NPRI) and Partners





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SWIM ➤ 2017 ➤ Woodbridge Foam Corp. ➤ Kipling Plant ➤ Report Preview

Report Preview

Report Details

Report Year

2017

Report Type:

NPRI,ON MOE TRA

Report Status:

Submitted

Modified Date/Time:

30/05/2018 11:28 AM

Company and Facility Details

Company Name:

Woodbridge Foam Corp.

Business Number:

105733158

Mailing Address:

Delivery Mode: GeneralDelivery

Address Line 1: 4240 Sherwoodtowne Boulevard

City, Province/Territory, Postal Code: Mississauga Ontario L4Z2G6

Country: Canada

Facility Name:

Kipling Plant

NAICS Code:

326150

NPRI ID:

2388

Physical Address:

Address Line 1: 8214 Kipling Avenue

City, Province/Territory, Postal Code: Woodbridge Ontario L4L2A4

Country: Canada Latitude: 43.7897 Longitude: -79.6 UTM Zone: 17 UTM Easting: 612639 UTM Northing: 4849468

Contacts Details

Contact Type

Technical Contact, Person who prepared the report

Name:

Andrew Cameron

Position:

Plant Engineer

Telephone:

9058513914

Extension

5254

Fax:

9058518459

Email:

 $and rew_cameron @woodbridge group.com\\$

Contact Type

Certifying Official, Contractor Contact, Person who coordinated the preparation of the Toxics

Reduction Plan

Name:

Mark Cotter

Position:

Principal

Telephone: 4164718774 Email: mcotter@cotterassociates.ca Independent contractor/consultant company Cotter Associates Ltd. Contact Type Company Coordinator Name: Stanley Yau Position: Sr. Corporate Manager, HSE Telephone: 4166297610 Email: stanley_yau@woodbridgegroup.com Contact Type Highest Ranking Employee Name: Filipe Ferreira Position: Plant Manager Telephone: 9058513910 Extension 5257 Email: $Filipe_Ferreira@WoodbridgeGroup.com$ Mailing Address: Delivery Mode: GeneralDelivery Address Line 1: 8214 Kipling Avenue City, Province/Territory, Postal Code: Woodbridge Ontario L4L 2A4 Country: Canada

General Information

Number of employees:	280
Activities for Which the 20,000-Hour Employee Threshold Does Not Apply:	None of the above
Activities Relevant to Reporting Dioxins, Furans and Hexacholorobenzene:	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):	Yes
Was the facility shut down for more than one week during the year:	No
Operating Schedule - Days of the Week:	Mon, Tue, Wed, Thu, Fri, Sat
Usual Number of Operating Hours per day:	24
Usual Daily Start Time (24h) (hh:mm):	23:00

Substance List

CAS RN	Substance Name	Releases	Releases (Speciated VOCs)	Disposals	Recycling	Unit
111-42-2	Diethanolamine (and its salts)	0.0000	N/A	N/A	N/A	tonnes
101-68-8	Methylenebis(phenylisocyanate)	0.0000	N/A	N/A	N/A	tonnes
9016-87-9	Polymeric diphenylmethane diisocyanate	0.0000	N/A	N/A	N/A	tonnes
584-84-9	Toluene-2,4-diisocyanate	0.2326	N/A	N/A	N/A	kg
91-08-7	Toluene-2,6-diisocyanate	0.0740	N/A	N/A	N/A	kg
NA - M16	Volatile Organic Compounds (VOCs)	144.9050	142.6810	N/A	N/A	tonnes

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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)	Yes	Yes		No
101-68-8	Methylenebis(phenylisocyanate)	Yes	Yes		No
9016-87-9	Polymeric diphenylmethane diisocyanate	Yes	Yes		No
584-84-9	Toluene-2,4-diisocyanate	Yes	Yes		No
91-08-7	Toluene-2,6-diisocyanate	Yes	Yes		No
NA - M16	Volatile Organic Compounds (VOCs)	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)	Yes	Yes	No
101-68-8	Methylenebis(phenylisocyanate)	Yes	Yes	No
9016-87-9	Polymeric diphenylmethane diisocyanate	Yes	No	No
584-84-9	Toluene-2,4-diisocyanate	Yes	No	No
91-08-7	Toluene-2,6-diisocyanate	Yes	No	No
NA - M16	Volatile Organic Compounds (VOCs)		No	Yes

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
584-84-9	Toluene-2,4-diisocyanate	No	No	No
91-08-7	Toluene-2,6-diisocyanate	No	No	No
NA - M16	Volatile Organic Compounds (VOCs)			

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	
584-84-9	Toluene-2,4-diisocyanate		As a reactant	
91-08-7	Toluene-2,6-diisocyanate		As a reactant	
NA - M16	Volatile Organic Compounds (VOCs)			

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	50.620 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	No
101-68-8	Methylenebis(phenylisocyanate)	Use	840.844 tonnes	Yes
101-68-8	Methylenebis(phenylisocyanate)	Creation	0 tonnes	No
101-68-8	Methylenebis(phenylisocyanate)	Contained in Product	0 tonnes	Yes
9016-87-9	Polymeric diphenylmethane diisocyanate	Use	889.225 tonnes	Yes
9016-87-9	Polymeric diphenylmethane diisocyanate	Creation	0 tonnes	No
9016-87-9	Polymeric diphenylmethane diisocyanate	Contained in Product	0 tonnes	No
584-84-9	Toluene-2,4-diisocyanate	Use	1171746 kg	Yes
584-84-9	Toluene-2,4-diisocyanate	Creation	0 kg	No
584-84-9	Toluene-2,4-diisocyanate	Contained in Product	0 kg	No
91-08-7	Toluene-2,6-diisocyanate	Use	389.489 kg	Yes

CAS RN	Substance Name	Use, Creation, Contained in Product	Quantity	Use ranges for public reporting
91-08-7	Toluene-2,6-diisocyanate	Creation	0 kg	No
91-08-7	Toluene-2,6-diisocyanate	Contained in Product	0 kg	No
NA - M16	Volatile Organic Compounds (VOCs)	Use	144.905 tonnes	Yes
NA - M16	Volatile Organic Compounds (VOCs)	Creation	0 tonnes	Yes
NA - M16	Volatile Organic Compounds (VOCs)	Contained in Product		

TRA Quantifications - VOC Breakdown List

CAS RN	Substance Name	Use, Creation, Contained in Product	Quantity
64742-47-8	Hydrotreated light distillate	Creation	0 tonnes
64742-88-7	Solvent naphtha medium aliphatic	Use	148.293 tonnes
8052-41-3	Stoddard solvent	Use	1.809 tonnes

TRA Quantifications - Total Speciated VOCs

Use, Creation, Contained in Product	Quantity
Use	150.102 tonnes
Creation	0 tonnes

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
584-84-9	Toluene-2,4-diisocyanate					No
91-08-7	Toluene-2,6-diisocyanate					No
NA - M16	Volatile Organic Compounds (VOCs)					No

On-site Releases - Releases to air

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
9016-87-9	Polymeric diphenylmethane diisocyanate	Stack or Point Releases	E1 - Site Specific Emission Factors		0.0000 tonnes
584-84-9	Toluene-2,4-diisocyanate	Stack or Point Releases	E1 - Site Specific Emission Factors		0.2326 kg
91-08-7	Toluene-2,6-diisocyanate	Stack or Point Releases	E1 - Site Specific Emission Factors		0.0740 kg
NA - M16	Volatile Organic Compounds (VOCs)	Stack or Point Releases	C - Mass Balance		144.905 tonnes
NA - M16	Volatile Organic Compounds (VOCs)	Other Sources - Speciated VOCs	NA - Not Applicable		144.905 tonnes

On-site Releases - Releases to air - Total

CAS RN	Substance Name	Total - Releases to Air
9016-87-9	Polymeric diphenylmethane diisocyanate	0.0000 tonnes
584-84-9	Toluene-2,4-diisocyanate	0.2326 kg
91-08-7	Toluene-2,6-diisocyanate	0.0740 kg
NA - M16	Volatile Organic Compounds (VOCs)	144.905 tonnes

On-site Releases - Releases to air - VOC Breakdown List

Category	CAS RN	Substance Name	Quantity
Other Sources - Speciated VOCs	64742-88-7	Solvent naphtha medium aliphatic	141.293 tonnes
Other Sources - Speciated VOCs	8052-41-3	Stoddard solvent	1.388 tonnes

Total Quantity Released (All Media)

CAS R	N.	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
111-42	2-2	Diethanolamine (and its salts)	Total Quantity Released	O - Engineering Estimates		0 tonnes
101-68	8-8	Methylenebis(phenylisocyanate)	Total Quantity Released	O - Engineering Estimates		0.0000 tonnes

On-site Releases - Total

CAS RN	Substance Name	Total releases
9016-87-9	Polymeric diphenylmethane diisocyanate	0.0000 tonnes
584-84-9	Toluene-2,4-diisocyanate	0.2326 kg

CAS RN	Substance Name	Total releases
91-08-7	Toluene-2,6-diisocyanate	0.0740 kg

On-site Releases - Quarterly Breakdown of Annual Releases

CAS RN	Substance Name	Quarter 1	Quarter 2	Quarter 3	Quarter 4
584-84-9	Toluene-2,4-diisocyanate	25	25	25	25
91-08-7	Toluene-2.6-diisocyanate	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 - M16	Volatile Organic Compounds (VOCs)	8.33	8.33	8.34	8.33	8.33	8.34	8.33	8.33	8.34	8.33	8.33	8.34

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	
584-84-9	Toluene-2,4-diisocyanate	No significant change (i.e. < 10%) or no change	
9016-87-9	Polymeric diphenylmethane diisocyanate	No significant change (i.e. < 10%) or no change	
91-08-7	Toluene-2,6-diisocyanate	No significant change (i.e. < 10%) or no change	
NA - M16	Volatile Organic Compounds (VOCs)	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	
111-42-2	Diethanolamine (and its salts)		No significant change (i.e. < 10%) or no change	
584-84-9	Toluene-2,4-diisocyanate		No significant change (i.e. < 10%) or no change	
9016-87-9	Polymeric diphenylmethane diisocyanate		No significant change (i.e. < 10%) or no change	
91-08-7	Toluene-2,6-diisocyanate		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
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	
584-84-9	Toluene-2,4-diisocyanate		No significant change (i.e. < 10%) or no change	
9016-87-9	Polymeric diphenylmethane diisocyanate		No significant change (i.e. < 10%) or no change	
91-08-7	Toluene-2,6-diisocyanate		No significant change (i.e. < 10%) or no change	

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)	50.620 tonnes	48.169 tonnes	2016	2.451	5.09
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	
64742-47- 8	Hydrotreated light distillate	Yes	Creation	0 tonnes	0 tonnes	2015	0	
101-68-8	Methylenebis(phenylisocyanate)	No	Enters the facility (Use)	840.844 tonnes	716.476 tonnes	2016	124.368	17.36
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)	889.225 tonnes	789.225 tonnes	2016	100.000	12.67
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	

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
64742-88- 7	Solvent naphtha medium aliphatic	Yes	Enters the facility (Use)	148.293 tonnes	148.293 tonnes	2016	0.000	0
8052-41-3	Stoddard solvent	Yes	Enters the facility (Use)	1.809 tonnes	1.809 tonnes	2015	0.000	0
584-84-9	Toluene-2,4-diisocyanate	No	Enters the facility (Use)	1171746 kg	1107420 kg	2016	64326	5.81
584-84-9	Toluene-2,4-diisocyanate	No	Creation	0 kg	0 kg	2016	0	
584-84-9	Toluene-2,4-diisocyanate	No	Contained in Product	0 kg	0 kg	2016	0	
91-08-7	Toluene-2,6-diisocyanate	No	Enters the facility (Use)	389.489 kg	368.140 kg	2016	21.349	5.80
91-08-7	Toluene-2,6-diisocyanate	No	Creation	0 kg	0 kg	2016	0	
91-08-7	Toluene-2,6-diisocyanate	No	Contained in	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)	No reasons - quantities approximately the same	
101-68-8	Methylenebis(phenylisocyanate)	No reasons - quantities approximately the same	
9016-87-9	Polymeric diphenylmethane diisocyanate	Increase in production levels	
584-84-9	Toluene-2,4-diisocyanate	Increase in production levels	
91-08-7	Toluene-2,6-diisocyanate	Increase in production levels	
NA - M16	Volatile Organic Compounds (VOCs)	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
111-42-2	Diethanolamine (and its salts)	No	Total Releases to Air	0 tonnes	0.020 tonnes	2015	-0.020	-100
111-42-2	Diethanolamine (and its salts)	No	Total Releases to Water	0 tonnes	0 tonnes	2015	0	
111-42-2	Diethanolamine (and its salts)	No	Total Releases to Land	0 tonnes	0 tonnes	2015	0	
111-42-2	Diethanolamine (and its salts)	No	Total Releases to All Media	0 tonnes	0 tonnes	2016	0	
101-68-8	Methylenebis(phenylisocyanate)	No	Total Releases to Air	0 tonnes	0 tonnes	2013	0	
101-68-8	Methylenebis(phenylisocyanate)	No	Total Releases to Water	0 tonnes	0 tonnes	2013	0	
101-68-8	Methylenebis(phenylisocyanate)	No	Total Releases to Land	0 tonnes	0 tonnes	2013	0	
101-68-8	Methylenebis(phenylisocyanate)	No	Total Releases to All Media	0.0000 tonnes	0.0000 tonnes	2016	0.0000	
9016-87-9	Polymeric diphenylmethane diisocyanate	No	Total Releases to Air	0.0000 tonnes	0.0000 tonnes	2016	0.0000	
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 tonnes	0 tonnes	2015	0	
64742-88- 7	Solvent naphtha medium aliphatic	Yes	Total Releases to Air	141.293 tonnes	148.293 tonnes	2015	-7.000	-4.72
8052-41-3	Stoddard solvent	Yes	Total Releases to Air	1.388 tonnes	1.809 tonnes	2015	-0.421	-23.27
584-84-9	Toluene-2,4-diisocyanate	No	Total Releases to Air	0.2326 kg	0.2430 kg	2016	-0.0104	-4.28
584-84-9	Toluene-2,4-diisocyanate	No	Total Releases to Water	0 kg	0 kg	2016	0	
584-84-9	Toluene-2,4-diisocyanate	No	Total Releases to Land	0 kg	0 kg	2014	0	
584-84-9	Toluene-2,4-diisocyanate	No	Total Releases to All Media	0 kg	0 kg	2013	0	
91-08-7	Toluene-2,6-diisocyanate	No	Total Releases to Air	0.0740 kg	0.0773 kg	2015	-0.0033	-4.27
91-08-7	Toluene-2,6-diisocyanate	No	Total Releases to Water	0 kg	0 kg	2016	0	
91-08-7	Toluene-2,6-diisocyanate	No	Total Releases to Land	0 kg	0 kg	2015	0	
91-08-7	Toluene-2,6-diisocyanate	No	Total Releases to All Media	0 kg	0 kg	2015	0	

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

CAS RN	Substance Name	Reason(s) for Change	Other Reason
111-42-2	Diethanolamine (and its salts)	No reasons - quantities approximately the same	
101-68-8	Methylenebis(phenylisocyanate)	No reasons - quantities approximately the same	
9016-87-9	Polymeric diphenylmethane diisocyanate	No reasons - quantities approximately the same	
584-84-9	Toluene-2,4-diisocyanate	Increase in production levels	
91-08-7	Toluene-2,6-diisocyanate	No reasons - quantities approximately the same	
NA - M16	Volatile Organic Compounds (VOCs)	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?

Yes

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).

Carbon Canister is installed

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
64742-47-8	Hydrotreated light distillate	Reduction in the use of NAPHTHA
101-68-8	Methylenebis(phenylisocyanate)	None
9016-87-9	Polymeric diphenylmethane diisocyanate	None
64742-88-7	Solvent naphtha medium aliphatic	reduction in the use of naphtha
8052-41-3	Stoddard solvent	none
584-84-9	Toluene-2,4-diisocyanate	None
91-08-7	Toluene-2,6-diisocyanate	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	
64742-47-8	Hydrotreated light distillate	5992 kg	3	
101-68-8	Methylenebis(phenylisocyanate)	No quantity target	No timeline target	
9016-87-9	Polymeric diphenylmethane diisocyanate	No quantity target	No timeline target	
64742-88-7	Solvent naphtha medium aliphatic	7281 kg	3	
8052-41-3	Stoddard solvent	No quantity target	No timeline target	
584-84-9	Toluene-2,4-diisocyanate	No quantity target	No timeline target	
91-08-7	Toluene-2,6-diisocyanate	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	
64742-47-8	Hydrotreated light distillate	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	
64742-88-7	Solvent naphtha medium aliphatic	No quantity target	No timeline target	
8052-41-3	Stoddard solvent	No quantity target	No timeline target	
584-84-9	Toluene-2,4-diisocyanate	No quantity target	No timeline target	
91-08-7	Toluene-2,6-diisocyanate	No quantity target	No timeline target	

Progress on TRA Plan - Toxic Reduction Options Implemented

CAS RN	Substance Name	Activity	Steps that were taken in the reporting period to implement the toxic reduction option	of the	Comparison of the steps that were described in the plan for implementation with the actual steps taken during the reporting period	Public summary of the comparison of the steps
64742-47- 8	Hydrotreated light distillate		none in 2017	n/a	n/a	n/a
64742-88- 7	Solvent naphtha medium aliphatic	Modified equipment, layout or piping	none in 2017	none in 2017	n/a	n/a

CAS RN	Substance Name	Activity	Will the timelines in the current version of the plan will be \ensuremath{met}	Comments:
64742-47- 8	Hydrotreated light distillate	Modified equipment, layout or piping	Yes	
64742-88- 7	Solvent naphtha medium aliphatic	Modified equipment, layout or piping	Yes	

Progress on TRA Plan - Reductions due to Options Implemented - Equipment or process modifications

CAS RN	Substance Name	Activity	Reductions due to Options Implemented	Quantity
64742-47- 8	Hydrotreated light distillate	Modified equipment, layout or piping	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
64742-47- 8	Hydrotreated light distillate	Modified equipment, layout or piping	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
64742-47- 8	Hydrotreated light distillate	Modified equipment, layout or piping	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the steps described:	No Amount
64742-47- 8	Hydrotreated light distillate	Modified equipment, layout or piping	The amount of reduction in release to air of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
64742-47- 8	Hydrotreated light distillate	Modified equipment, layout or piping	The amount of reduction in release to water of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
64742-47- 8	Hydrotreated light distillate	Modified equipment, layout or piping	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to steps described:	No Amount
64742-47- 8	Hydrotreated light distillate	Modified equipment, layout or piping	The amount of reduction in the substance disposed on-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the steps described:	No Amount
64742-47- 8	Hydrotreated light distillate	Modified equipment, layout or piping	The amount of reduction in the substance disposed off-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the steps described:	No Amount
64742-47- 8	Hydrotreated light distillate	Modified equipment, layout or piping	The amount of reduction in the substance recycled off-site at the facility during the reporting period that resulted due to the steps described:	No Amount
64742-88- 7	Solvent naphtha medium aliphatic	Modified equipment, layout or piping	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
64742-88- 7	Solvent naphtha medium aliphatic	Modified equipment, layout or piping	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
64742-88- 7	Solvent naphtha medium aliphatic	Modified equipment, layout or piping	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the steps described:	No Amount
64742-88- 7	Solvent naphtha medium aliphatic	Modified equipment, layout or piping	The amount of reduction in release to air of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
64742-88- 7	Solvent naphtha medium aliphatic	Modified equipment, layout or piping	The amount of reduction in release to water of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
64742-88- 7	Solvent naphtha medium aliphatic	Modified equipment, layout or piping	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to steps described:	No Amount
64742-88- 7	Solvent naphtha medium aliphatic	Modified equipment, layout or piping	The amount of reduction in the substance disposed on-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the steps described:	No Amount
64742-88- 7	Solvent naphtha medium aliphatic	Modified equipment, layout or piping	The amount of reduction in the substance disposed off-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the steps described:	No Amount
64742-88- 7	Solvent naphtha medium aliphatic	Modified equipment, layout or piping	The amount of reduction in the substance recycled off-site at the facility during the reporting period that resulted due to the steps described:	No Amount

CAS RN	Substance Name	the plan taken during the reporting period to reduce the use and/or creation of the substance?	that were taken during the reporting period to achieve the plan's objectives	summary of the description of the additional action taken
111-42-2	Diethanolamine (and its salts)	No		
64742-47- 8	Hydrotreated light distillate	No		
101-68-8	Methylenebis(phenylisocyanate)	No		
9016-87-9	Polymeric diphenylmethane diisocyanate	No		
64742-88- 7	Solvent naphtha medium aliphatic	No		
8052-41-3	Stoddard solvent	No		
584-84-9	Toluene-2,4-diisocyanate	No		
91-08-7	Toluene-2,6-diisocyanate	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.	
111-42-2	Diethanolamine (and its salts)	The amount of reduction in release to water 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 release to land of the substance at the facility during the reporting period that resulted due to additional actions.	
111-42-2	Diethanolamine (and its salts)	The amount of reduction in the substance disposed on-site (including tailings and waste rocks) 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 disposed off-site (including tailings and waste rocks) 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 recycled off-site at the facility during the reporting period that resulted due to the additional actions.	
64742-47- 8	Hydrotreated light distillate	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions.	
64742-47- 8	Hydrotreated light distillate	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions.	
64742-47- 8	Hydrotreated light distillate	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the additional actions.	
54742-47- 3	Hydrotreated light distillate	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.	
64742-47- 8	Hydrotreated light distillate	The amount of reduction in release to water of the substance at the facility during the reporting period that resulted due to the additional actions.	
64742-47- 8	Hydrotreated light distillate	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to additional actions.	
64742-47- 8	Hydrotreated light distillate	The amount of reduction in the substance disposed on-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
54742-47- 8	Hydrotreated light distillate	The amount of reduction in the substance disposed off-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
64742-47- 8	Hydrotreated light distillate	The amount of reduction in the substance recycled off-site at the facility during the reporting period that resulted due to the additional actions.	
101-68-8	Methylenebis(phenylisocyanate)	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions.	
101-68-8	Methylenebis(phenylisocyanate)	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions.	
101-68-8	Methylenebis(phenylisocyanate)	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the additional actions.	
101-68-8	Methylenebis(phenylisocyanate)	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.	
101-68-8	Methylenebis(phenylisocyanate)	The amount of reduction in release to water of the substance at the facility during the reporting period that resulted due to the additional actions.	
101-68-8	Methylenebis(phenylisocyanate)	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to additional actions.	
101-68-8	Methylenebis(phenylisocyanate)	The amount of reduction in the substance disposed on-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
101-68-8	Methylenebis(phenylisocyanate)	The amount of reduction in the substance disposed off-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
101-68-8	Methylenebis(phenylisocyanate)	The amount of reduction in the substance recycled off-site at the facility during the reporting period that resulted due to the additional actions.	
9016-87-9	Polymeric diphenylmethane diisocyanate	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions.	

CAS RN	Substance Name	Reductions due to additional actions taken	Quantity
9016-87-9	Polymeric diphenylmethane diisocyanate	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions.	
9016-87-9	Polymeric diphenylmethane diisocyanate	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the additional actions.	
9016-87-9	Polymeric diphenylmethane diisocyanate	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.	
9016-87-9	Polymeric diphenylmethane diisocyanate	The amount of reduction in release to water of the substance at the facility during the reporting period that resulted due to the additional actions.	
9016-87-9	Polymeric diphenylmethane diisocyanate	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to additional actions.	
9016-87-9	Polymeric diphenylmethane diisocyanate	The amount of reduction in the substance disposed on-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
9016-87-9	Polymeric diphenylmethane diisocyanate	The amount of reduction in the substance disposed off-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
9016-87-9	Polymeric diphenylmethane diisocyanate	The amount of reduction in the substance recycled off-site at the facility during the reporting period that resulted due to the additional actions.	
64742-88- 7	Solvent naphtha medium aliphatic	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions.	
64742-88- 7	Solvent naphtha medium aliphatic	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions.	
64742-88- 7	Solvent naphtha medium aliphatic	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the additional actions.	
64742-88- 7	Solvent naphtha medium aliphatic	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.	
64742-88- 7	Solvent naphtha medium aliphatic	The amount of reduction in release to water of the substance at the facility during the reporting period that resulted due to the additional actions.	
64742-88- 7	Solvent naphtha medium aliphatic	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to additional actions.	
64742-88- 7	Solvent naphtha medium aliphatic	The amount of reduction in the substance disposed on-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
64742-88- 7	Solvent naphtha medium aliphatic	The amount of reduction in the substance disposed off-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
64742-88- 7	Solvent naphtha medium aliphatic	The amount of reduction in the substance recycled off-site at the facility during the reporting period that resulted due to the additional actions.	
8052-41-3	Stoddard solvent	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions.	
8052-41-3	Stoddard solvent	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions.	
8052-41-3	Stoddard solvent	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the additional actions.	
8052-41-3	Stoddard solvent	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.	
8052-41-3	Stoddard solvent	The amount of reduction in release to water of the substance at the facility during the reporting period that resulted due to the additional actions.	
8052-41-3	Stoddard solvent	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to additional actions.	
8052-41-3	Stoddard solvent	The amount of reduction in the substance disposed on-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
8052-41-3	Stoddard solvent	The amount of reduction in the substance disposed off-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
8052-41-3	Stoddard solvent	The amount of reduction in the substance recycled off-site at the facility during the reporting period that resulted due to the additional actions.	
584-84-9	Toluene-2,4-diisocyanate	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions.	
584-84-9	Toluene-2,4-diisocyanate	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions.	
584-84-9	Toluene-2,4-diisocyanate	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the additional actions.	
584-84-9	Toluene-2,4-diisocyanate	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.	
584-84-9	Toluene-2,4-diisocyanate	The amount of reduction in release to water of the substance at the facility during the reporting period that resulted due to the additional actions.	
584-84-9	Toluene-2,4-diisocyanate	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to additional actions.	
584-84-9	Toluene-2,4-diisocyanate	The amount of reduction in the substance disposed on-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
584-84-9	Toluene-2,4-diisocyanate	The amount of reduction in the substance disposed off-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
584-84-9	Toluene-2,4-diisocyanate	The amount of reduction in the substance recycled off-site at the facility during the reporting period that resulted due to the additional actions.	
91-08-7	Toluene-2,6-diisocyanate	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions.	
91-08-7	Toluene-2,6-diisocyanate	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions.	
91-08-7	Toluene-2,6-diisocyanate	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the additional actions.	

CAS RN	Substance Name	Reductions due to additional actions taken	Quantity
91-08-7	Toluene-2,6-diisocyanate	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.	
91-08-7	Toluene-2,6-diisocyanate	The amount of reduction in release to water of the substance at the facility during the reporting period that resulted due to the additional actions.	
91-08-7	Toluene-2,6-diisocyanate	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to additional actions.	
91-08-7	Toluene-2,6-diisocyanate	The amount of reduction in the substance disposed on-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
91-08-7	Toluene-2,6-diisocyanate	The amount of reduction in the substance disposed off-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
91-08-7	Toluene-2,6-diisocyanate	The amount of reduction in the substance recycled off-site at the facility during the reporting period that resulted due to the additional actions.	

Progress on TRA Plan - Amendments

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
111-42-2	Diethanolamine (and its salts)	No		
64742-47- 8	Hydrotreated light distillate	No		
101-68-8	Methylenebis(phenylisocyanate)	No		
9016-87-9	Polymeric diphenylmethane diisocyanate	No		
64742-88- 7	Solvent naphtha medium aliphatic	No		
8052-41-3	Stoddard solvent	No		
584-84-9	Toluene-2,4-diisocyanate	No		
91-08-7	Toluene-2,6-diisocyanate	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
Woodbridge Foam Corp.

Certifying Official (or authorized delegate)
Mark Cotter

Report Submitted by
Filipe Ferreira

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 30/05/2018, I, Filipe Ferreira, 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)		
64742-47-8	Hydrotreated light distillate		
101-68-8	Methylenebis(phenylisocyanate)		
9016-87-9	Polymeric diphenylmethane diisocyanate		

	64742-88-7	Solvent naphtha medium aliphatic			
	8052-41-3	Stoddard solvent			
	584-84-9	Toluene-2,4-diisocyanate			
	91-08-7	Toluene-2,6-diisocyanate			
Com	pany Name				
Woodbridge Foam Corp.					
Highest Ranking Employee					
Filipe Ferreira					
Report Submitted by					
Filipe Ferreira					
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
2017	30/05/2018	Kipling Plant	Ontario	Woodbridge	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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