

National Pollutant Release Inventory (NPRI) and



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Report Preview

Report Details

Report Year	2014
Report Type:	NPRI,ON MOE TRA,ON MOE
Report Status:	Submitted
Modified Date/Time:	28/05/2015 1:01 PM

Company and Facility Details

Company Name:	Woodbridge Foam Corp.
Business Number:	105733158
Mailing Address:	Delivery Mode: GeneralDelivery Address Line 1: 4240 Sherwoodtowne Blvd. Boulevard Southwest City, Province/Territory, Postal Code: Mississauga Ontario L4Z2G6 Country: Canada
Facility Name:	Whitby Site
NAICS Code:	326150
NPRI ID:	2927
ON Reg 127/01 ID:	0000
Physical Address:	Address Line 1: 1999 Forbes Street City, Province/Territory, Postal Code: Whitby Ontario L1N7V4 Country: Canada Latitude: 43.86250 Longitude: -78.89250 UTM Zone: 17 UTM Easting: 669358 UTM Northing: 4858760

Contacts Details

Contact Type	Technical Contact
Name:	Saleh Arsiwala
Position:	Plant Engineering Manager
Telephone:	9054345772
Email:	saleh_arsiwala@woodbridgegroup.com
Mailing Address:	Delivery Mode: GeneralDelivery Address Line 1: 1999 Forbes Street Street City, Province/Territory, Postal Code: WHitby Ontario L1N7V4 Country: Canada
Contact Type	Certifying Official, Highest Ranking Employee, Public Contact
Name:	Ron VanHaecke
Position:	Plant Manager

Telephone: 9054348473

Email: ron_vanhaecke@woodbridgegroup.com

Mailing Address: Delivery Mode: GeneralDelivery
Address Line 1: 1999 Forbes Street
City, Province/Territory, Postal Code: Whitby Ontario L1N7V4
Country: Canada

Contact Type: Company Coordinator, Person who coordinated the preparation of the Toxics Reduction Plan

Name: Stanley Yau

Position: Sr. Corporate Manager, HSE

Telephone: 4166297610

Email: stanley_yau@woodbridgegroup.com

Mailing Address: Delivery Mode: GeneralDelivery
Address Line 1: 4240 Sherwoodtowne Boulevard
City, Province/Territory, Postal Code: Mississauga Ontario L4Z 2G6
Country: Canada

Contact Type: 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.

Mailing Address: Address Line 1: 1214 Saginaw
City, Province/Territory, Postal Code: Mississauga Ontario L5H3W6
Country: Canada

General Information

Number of employees: 200

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): 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
67-64-1	Acetone	0.0000	N/A	N/A	N/A	tonnes
111-42-2	Diethanolamine (and its salts)	0.0160	N/A	0.0030	N/A	tonnes

CAS RN	Substance Name	Releases	Releases (Speciated VOCs)	Disposals	Recycling	Unit
101-68-8	Methylenebis(phenylisocyanate)	0.0000	N/A	0.0400	N/A	tonnes
9016-87-9	Polymeric diphenylmethane diisocyanate	0.0000	N/A	0.0800	N/A	tonnes
584-84-9	Toluene-2,4-diisocyanate	0.1470	N/A	0.2290	N/A	kg
91-08-7	Toluene-2,6-diisocyanate	0.0510	N/A	80.0000	N/A	kg
NA - M16	Volatile Organic Compounds (VOCs)	108.0430	108.0430	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
67-64-1	Acetone		No	No	Do not Send
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

Applicable Programs - Comments

CAS RN	Substance Name	Comments
67-64-1	Acetone	Not used in the plant. Mistakenly selected in previous reports

TRA Exit Record

CAS RN	Substance Name	Circumstance(s) that apply	Describe the circumstances that lead to the criteria no longer being met	Describe the information and any quantifications relied upon for making the determination
67-64-1	Acetone	Facility has permanently ceased to use or create the substance	Acetone is not required in the formulation. It was mistakenly checked off in the previous reports.	Acetone is not a part of Poly Urethane Foam.

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	Yes	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)	Yes	No	No
101-68-8	Methylenebis(phenylisocyanate)	Yes	No	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)			

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 formulation component	As a physical or chemical processing aid
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	Quantity	Use ranges for public reporting
111-42-2	Diethanolamine (and its salts)	Use	37.800 tonnes	Yes
111-42-2	Diethanolamine (and its salts)	Creation	0 tonnes	Yes
111-42-2	Diethanolamine (and its salts)	Contained	0 tonnes	Yes
101-68-8	Methylenebis(phenylisocyanate)	Use	121.790 tonnes	Yes
101-68-8	Methylenebis(phenylisocyanate)	Creation	0 tonnes	Yes
101-68-8	Methylenebis(phenylisocyanate)	Contained	0 tonnes	Yes
9016-87-9	Polymeric diphenylmethane diisocyanate	Use	243.58 tonnes	Yes
9016-87-9	Polymeric diphenylmethane diisocyanate	Creation	0 tonnes	Yes
9016-87-9	Polymeric diphenylmethane diisocyanate	Contained	0 tonnes	Yes
584-84-9	Toluene-2,4-diisocyanate	Use	700292 kg	Yes
584-84-9	Toluene-2,4-diisocyanate	Creation	0 kg	Yes
584-84-9	Toluene-2,4-diisocyanate	Contained	0 kg	Yes
91-08-7	Toluene-2,6-diisocyanate	Use	243580 kg	Yes
91-08-7	Toluene-2,6-diisocyanate	Creation	0 kg	Yes
91-08-7	Toluene-2,6-diisocyanate	Contained	0 kg	Yes
NA - M16	Volatile Organic Compounds (VOCs)	Use	108.122 tonnes	Yes
NA - M16	Volatile Organic Compounds (VOCs)	Creation	0.146 tonnes	No
NA - M16	Volatile Organic Compounds (VOCs)	Contained		

TRA Quantifications - VOC Breakdown List

CAS RN	Substance Name	Use, Creation, Contained	Quantity
64742-47-8	Hydrotreated light distillate	Use	108.043 tonnes
64742-47-8	Hydrotreated light distillate	Creation	108.043 tonnes
64742-47-8	Hydrotreated light distillate	Contained	108.043 tonnes

TRA Quantifications - Total Speciated VOCs

Use, Creation, Contained	Quantity
Use	108.043 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	Incidents out of the normal course of events	Significant Process Change
111-42-2	Diethanolamine (and its salts)					No
101-68-8	Methylenebis(phenylisocyanate)					No
9016-87-9	Polymeric diphenylmethane diisocyanate					Yes
584-84-9	Toluene-2,4-diisocyanate					No
91-08-7	Toluene-2,6-diisocyanate					Yes
NA - M16	Volatile Organic Compounds (VOCs)					No

On-site Releases - Releases to air

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
67-64-1	Acetone	Other Non-point Releases	C - Mass Balance		0 tonnes
584-84-9	Toluene-2,4-diisocyanate	Stack or Point Releases	E1 - Site Specific Emission Factors		0.147 kg
91-08-7	Toluene-2,6-diisocyanate	Stack or Point Releases	E1 - Site Specific Emission Factors		0.051 kg
NA - M16	Volatile Organic Compounds (VOCs)	Stack or Point Releases	C - Mass Balance		108.043 tonnes
NA - M16	Volatile Organic Compounds (VOCs)	Other Sources - Speciated VOCs	NA - Not Applicable		108.043 tonnes

On-site Releases - Releases to air - Total

CAS RN	Substance Name	Total - Releases to Air
67-64-1	Acetone	0 tonnes
584-84-9	Toluene-2,4-diisocyanate	0.147 kg
91-08-7	Toluene-2,6-diisocyanate	0.051 kg
NA - M16	Volatile Organic Compounds (VOCs)	108.043 tonnes

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

Category	CAS RN	Substance Name	Quantity
Other Sources - Speciated VOCs	64742-47-8	Hydrotreated light distillate	108.043 tonnes

Total Quantity Released (All Media)

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
111-42-2	Diethanolamine (and its salts)	Total Quantity Released	E2 - Published Emission Factors		0.016 tonnes
101-68-8	Methylenebis(phenylisocyanate)	Total Quantity Released	E2 - Published Emission Factors		0.000 tonnes
9016-87-9	Polymeric diphenylmethane diisocyanate	Total Quantity Released	E2 - Published Emission Factors		0.000 tonnes

On-site Releases - Total

CAS RN	Substance Name	Total releases
584-84-9	Toluene-2,4-diisocyanate	0.147 kg
91-08-7	Toluene-2,6-diisocyanate	0.051 kg

On-site Releases - Quarterly Breakdown of Annual Releases

CAS RN	Substance Name	Quarter 1	Quarter 2	Quarter 3	Quarter 4
111-42-2	Diethanolamine (and its salts)	25	25	25	25
101-68-8	Methylenebis(phenylisocyanate)	25	25	25	25
9016-87-9	Polymeric diphenylmethane diisocyanate	25	25	25	25
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 Disposed from Previous Year	Comments (Disposals)
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	Changes in production levels Other (specify in On-site Releases comment field)	The plant switched reactants.
91-08-7	Toluene-2,6-diisocyanate	Changes in production levels	previous year report was in tonnes hence less than 0.000 tonnes rounded off as "0".
NA - M16	Volatile Organic Compounds (VOCs)	Changes in production levels	

Disposals - Off-site Transfers (excluding Tailings and Waste Rock)

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
111-42-2	Diethanolamine (and its salts)	Incineration / Thermal	C - Mass Balance		0.003 tonnes
101-68-8	Methylenebis(phenylisocyanate)	Incineration / Thermal	C - Mass Balance		0.040 tonnes
9016-87-9	Polymeric diphenylmethane diisocyanate	Incineration / Thermal	C - Mass Balance		0.080 tonnes
584-84-9	Toluene-2,4-diisocyanate	Incineration / Thermal	C - Mass Balance		0.229 kg
91-08-7	Toluene-2,6-diisocyanate	Incineration / Thermal	C - Mass Balance		80.00 kg

Disposals - Off-site Transfers (excluding Tailings and Waste Rock) - Total

CAS RN	Substance Name	Total - Treatment Prior to Final Disposal
111-42-2	Diethanolamine (and its salts)	0.003 tonnes
101-68-8	Methylenebis(phenylisocyanate)	0.040 tonnes
9016-87-9	Polymeric diphenylmethane diisocyanate	0.080 tonnes
584-84-9	Toluene-2,4-diisocyanate	0.229 kg
91-08-7	Toluene-2,6-diisocyanate	80.00 kg

Disposals - Off-site Transfers (excluding Tailings and Waste Rock) - By Facilities

CAS RN	Substance Name	Category	Off-site Name	Off-site Address	Quantity
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101-68-8	Methylenebis(phenylisocyanate)	Incineration / Thermal	Detox Environmental Ltd.	322 Bennett, Bowmanville, ON, Canada	0.040 tonnes
111-42-2	Diethanolamine (and its salts)	Incineration / Thermal	Detox Environmental Ltd.	322 Bennett, Bowmanville, ON, Canada	0.003 tonnes
584-84-9	Toluene-2,4-diisocyanate	Incineration / Thermal	Detox Environmental Ltd.	322 Bennett, Bowmanville, ON, Canada	0.229 kg
9016-87-9	Polymeric diphenylmethane diisocyanate	Incineration / Thermal	Detox Environmental Ltd.	322 Bennett, Bowmanville, ON, Canada	0.080 tonnes
91-08-7	Toluene-2,6-diisocyanate	Incineration / Thermal	Detox Environmental Ltd.	322 Bennett, Bowmanville, ON, Canada	80.00 kg

Disposals - Off-site Transfers (excluding Tailings and Waste Rock) - Dioxins and Furans Breakdown List By Facility

Category	CAS RN	Substance Name	Off-site Name	Quantity
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Disposals - Total Quantity Disposed (All Media)

CAS RN	Substance Name	Total Quantity Disposed (All Media)
111-42-2	Diethanolamine (and its salts)	0.003 tonnes
101-68-8	Methylenebis(phenylisocyanate)	0.040 tonnes
9016-87-9	Polymeric diphenylmethane diisocyanate	0.080 tonnes
584-84-9	Toluene-2,4-diisocyanate	0.229 kg
91-08-7	Toluene-2,6-diisocyanate	80.00 kg

Disposals - Reasons and Comments

CAS RN	Substance Name	Reasons Why Substance Was Disposed	Reasons for Changes in Quantities Disposed from Previous Year	Comments (Disposals)
101-68-8	Methylenebis(phenylisocyanate)	Production residues	No significant change (i.e. < 10%) or no change	
111-42-2	Diethanolamine (and its salts)	Production residues	No significant change (i.e. < 10%) or no change	
584-84-9	Toluene-2,4-diisocyanate	Production residues	Changes in production levels	
9016-87-9	Polymeric diphenylmethane diisocyanate	Production residues	Changes in production levels Other (specify in On-site Releases comment field)	Change in the production formulations
91-08-7	Toluene-2,6-diisocyanate	Production residues	Changes in production levels	

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)		Other (specify in recycling comments field)	Not recyclable
111-42-2	Diethanolamine (and its salts)		No significant change (i.e. < 10%) or no change	
584-84-9	Toluene-2,4-diisocyanate		Other (specify in recycling comments field)	Not recyclable
9016-87-9	Polymeric diphenylmethane diisocyanate		Other (specify in recycling comments field)	Not recyclable
91-08-7	Toluene-2,6-diisocyanate		Other (specify in recycling comments field)	Not recyclable

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)	37.800 tonnes	38.599 tonnes	2013	-0.799	-2.07
111-42-2	Diethanolamine (and its salts)	No	Creation	0 tonnes	0 tonnes	2013	0	
111-42-2	Diethanolamine (and its salts)	No	Contained	0 tonnes	0 tonnes	2013	0	
64742-47-8	Hydrotreated light distillate	Yes	Enters the facility (Use)	108.043 tonnes	137.253 tonnes	2013	-29.210	-21.28
64742-47-8	Hydrotreated light distillate	Yes	Creation	0 tonnes	0 tonnes	2013	0	
101-68-8	Methylenebis(phenylisocyanate)	No	Enters the facility (Use)	121.790 tonnes	58.887 tonnes	2013	62.903	106.82
101-68-8	Methylenebis(phenylisocyanate)	No	Creation	0 tonnes	0 tonnes	2013	0	
101-68-8	Methylenebis(phenylisocyanate)	No	Contained	0 tonnes	0 tonnes	2013	0	
9016-87-9	Polymeric diphenylmethane diisocyanate	No	Enters the facility (Use)	243.58 tonnes	73.609 tonnes	2013	169.971	230.91
9016-87-9	Polymeric diphenylmethane diisocyanate	No	Creation	0 tonnes	0 tonnes	2013	0	
9016-87-9	Polymeric diphenylmethane diisocyanate	No	Contained	0 tonnes	0 tonnes	2013	0	
584-84-9	Toluene-2,4-diisocyanate	No	Enters the facility (Use)	700292 kg	932878 kg	2013	-232586	-24.93
584-84-9	Toluene-2,4-diisocyanate	No	Creation	0 kg	0 kg	2013	0	
584-84-9	Toluene-2,4-diisocyanate	No	Contained	0 kg	0 kg	2013	0	

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
91-08-7	Toluene-2,6-diisocyanate	No	Enters the facility (Use)	243580 kg	266344 kg	2013	-22764	-8.55
91-08-7	Toluene-2,6-diisocyanate	No	Creation	0 kg	0 kg	2013	0	
91-08-7	Toluene-2,6-diisocyanate	No	Contained	0 kg	0 kg	2013	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)	Increase in production levels Other	Change in the Chemical reactant.
9016-87-9	Polymeric diphenylmethane diisocyanate	Increase in production levels Other	Change in the Chemical reactant. increased ratio in the formulation
584-84-9	Toluene-2,4-diisocyanate	Other	Chemical FORMulation change
91-08-7	Toluene-2,6-diisocyanate	No reasons - quantities approximately the same	
NA - M16	Volatile Organic Compounds (VOCs)	Decrease in production levels	

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 tonnes	2013	0	
111-42-2	Diethanolamine (and its salts)	No	Total Releases to Water	0 tonnes	0 tonnes	2013	0	
111-42-2	Diethanolamine (and its salts)	No	Total Releases to Land	0 tonnes	0 tonnes	2013	0	
111-42-2	Diethanolamine (and its salts)	No	Total Releases to All Media	0.016 tonnes	0.016 tonnes	2013	0.000	0
64742-47-8	Hydrotreated light distillate	Yes	Total Releases to Air	108.043 tonnes	137.253 tonnes	2013	-29.210	-21.28
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	0.000 tonnes	0.000 tonnes	2013	0.000	
9016-87-9	Polymeric diphenylmethane diisocyanate	No	Total Releases to Air	0 tonnes	0 tonnes	2013	0	
9016-87-9	Polymeric diphenylmethane diisocyanate	No	Total Releases to Water	0 tonnes	0 tonnes	2013	0	
9016-87-9	Polymeric diphenylmethane diisocyanate	No	Total Releases to Land	0 tonnes	0 tonnes	2013	0	
9016-87-9	Polymeric diphenylmethane diisocyanate	No	Total Releases to All Media	0.000 tonnes	0.000 tonnes	2013	0.000	
584-84-9	Toluene-2,4-diisocyanate	No	Total Releases to Air	0.147 kg	0 kg	2013	0.147	100
584-84-9	Toluene-2,4-diisocyanate	No	Total Releases to Water	0 kg	0 kg	2013	0	
584-84-9	Toluene-2,4-diisocyanate	No	Total Releases to Land	0 kg	0 kg	2013	0	
584-84-9	Toluene-2,4-diisocyanate	No	Total Releases to All Media	0 kg	0.000 kg	2013	0.000	
91-08-7	Toluene-2,6-diisocyanate	No	Total Releases to Air	0.051 kg	0.056 kg	2013	-0.005	-8.93
91-08-7	Toluene-2,6-diisocyanate	No	Total Releases to Water	0 kg	0 kg	2013	0	
91-08-7	Toluene-2,6-diisocyanate	No	Total Releases to Land	0 kg	0 kg	2013	0	
91-08-7	Toluene-2,6-diisocyanate	No	Total Releases to All Media	0 kg	0.000 kg	2013	0.000	

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	

CAS RN	Substance Name	Reason(s) for Change	Other Reason
9016-87-9	Polymeric diphenylmethane diisocyanate	No reasons - quantities approximately the same	
584-84-9	Toluene-2,4-diisocyanate	Other	Previous year reported in Tonnes was less than the 0.000 tonnes so converted value was 0
91-08-7	Toluene-2,6-diisocyanate	Other	reported last year in Tonnes that removed the 0.000 value and rounded off as "0"
NA - M16	Volatile Organic Compounds (VOCs)	Decrease in production levels	

Comparison Report - Disposals On-site, Off-site and Tailings and Waste Rock

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 On-site Disposals	0 tonnes	0 tonnes	2013	0	
111-42-2	Diethanolamine (and its salts)	No	Total Off-site Disposals	0 tonnes	0 tonnes	2013	0	
111-42-2	Diethanolamine (and its salts)	No	Total Off-site transfer for treatment Prior to Final Disposal	0.003 tonnes	0.003 tonnes	2013	0.000	0
111-42-2	Diethanolamine (and its salts)	No	Total On-site Disposal of Tailings and Waste Rock	0 tonnes	0 tonnes	2013	0	
111-42-2	Diethanolamine (and its salts)	No	Total Off-site Disposal of Tailings and Waste Rock	0 tonnes	0 tonnes	2013	0	
101-68-8	Methylenebis(phenylisocyanate)	No	Total On-site Disposals	0 tonnes	0 tonnes	2013	0	
101-68-8	Methylenebis(phenylisocyanate)	No	Total Off-site Disposals	0 tonnes	0 tonnes	2013	0	
101-68-8	Methylenebis(phenylisocyanate)	No	Total Off-site transfer for treatment Prior to Final Disposal	0.040 tonnes	0.036 tonnes	2013	0.004	11.11
101-68-8	Methylenebis(phenylisocyanate)	No	Total On-site Disposal of Tailings and Waste Rock	0 tonnes	0 tonnes	2013	0	
101-68-8	Methylenebis(phenylisocyanate)	No	Total Off-site Disposal of Tailings and Waste Rock	0 tonnes	0 tonnes	2013	0	
9016-87-9	Polymeric diphenylmethane diisocyanate	No	Total On-site Disposals	0 tonnes	0 tonnes	2013	0	
9016-87-9	Polymeric diphenylmethane diisocyanate	No	Total Off-site Disposals	0 tonnes	0 tonnes	2013	0	
9016-87-9	Polymeric diphenylmethane diisocyanate	No	Total Off-site transfer for treatment Prior to Final Disposal	0.080 tonnes	0.045 tonnes	2013	0.035	77.78
9016-87-9	Polymeric diphenylmethane diisocyanate	No	Total On-site Disposal of Tailings and Waste Rock	0 tonnes	0 tonnes	2013	0	
9016-87-9	Polymeric diphenylmethane diisocyanate	No	Total Off-site Disposal of Tailings and Waste Rock	0 tonnes	0 tonnes	2013	0	
584-84-9	Toluene-2,4-diisocyanate	No	Total On-site Disposals	0 kg	0 kg	2013	0	
584-84-9	Toluene-2,4-diisocyanate	No	Total Off-site Disposals	0 kg	0 kg	2013	0	
584-84-9	Toluene-2,4-diisocyanate	No	Total Off-site transfer for treatment Prior to Final Disposal	0.229 kg	0.574 kg	2013	-0.345	-60.10
584-84-9	Toluene-2,4-diisocyanate	No	Total On-site Disposal of Tailings and Waste Rock	0 kg	0 kg	2013	0	
584-84-9	Toluene-2,4-diisocyanate	No	Total Off-site Disposal of Tailings and Waste Rock	0 kg	0 kg	2013	0	
91-08-7	Toluene-2,6-diisocyanate	No	Total On-site Disposals	0 kg	0 kg	2013	0	
91-08-7	Toluene-2,6-diisocyanate	No	Total Off-site Disposals	0 kg	0 kg	2013	0	
91-08-7	Toluene-2,6-diisocyanate	No	Total Off-site transfer for treatment Prior to Final Disposal	80.00 kg	86.00 kg	2013	-6.00	-6.98
91-08-7	Toluene-2,6-diisocyanate	No	Total On-site Disposal of Tailings and Waste Rock	0 kg	0 kg	2013	0	
91-08-7	Toluene-2,6-diisocyanate	No	Total Off-site Disposal of Tailings and Waste Rock	0 kg	0 kg	2013	0	

Comparison Report - Disposals On-site, Off-site and Tailings and Waste Rock - 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 Other	changes look significant but it is a small amount of KG change.
584-84-9	Toluene-2,4-diisocyanate	Other	Reduction in wastage
91-08-7	Toluene-2,6-diisocyanate	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? Specify name in comments field 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

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

The Facility intends to reduce the use of the VOC's in Mould release agents by 5% over the next 3 years.

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

Yes

Pollution Prevention Activities

Category	Activity	Name and description of the other activity
Equipment or Process Modifications	Improved application techniques	
Good Operating Practice or Training		
Inventory Management or Purchasing Techniques		
Materials or feedstock substitution		
On-site Re-use, Recycling, or Recovery		
Other Pollution Prevention Activities		
Product Design or Reformulation		
Spill or Leak Prevention Activities		

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.
584-84-9	Toluene-2,4-diisocyanate	None.
91-08-7	Toluene-2,6-diisocyanate	None.

Progress on TRA Plan - 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	5822 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	
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 - Description

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	
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	Public summary of the description of the steps	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
		Modified		reduced the		reduced the

CAS RN	Substance Name	Activity	Steps that were taken in the reporting period to implement the toxic reduction option	Public summary of the description of the steps	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	equipment, layout or piping	reduced the dispensing affecting the actual usage.	dispensing, affecting the actual usage.	identical steps as mentioned in the plan.	dispensing, affecting the actual usage.

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:	29 tonnes
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:	29 tonnes
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

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		
64742-47-8	Hydrotreated light distillate	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		

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.	
64742-47-8	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.	

CAS RN	Substance Name	Reductions due to additional actions taken	Quantity
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		
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)

Ron VanHaecke

Report Submitted by

Ron Vanhaecke

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 28/05/2015, I, Ron VanHaecke, 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
101-68-8	Methylenebis(phenylisocyanate)
111-42-2	Diethanolamine (and its salts)
584-84-9	Toluene-2,4-diisocyanate
9016-87-9	Polymeric diphenylmethane diisocyanate
91-08-7	Toluene-2,6-diisocyanate
NA - M16	Volatile Organic Compounds (VOCs)

Exit Record Certification Statement

As of 28/05/2015, I Ron VanHaecke, certify that I have read the records created for the purposes of section 11.2 of Ontario Regulation 455/09 (General) made under the Toxics Reductions Act, (2009) in respect of the use and creation of the toxic substances referred to below at Whitby Site and am familiar with their contents and to my knowledge they are factually accurate.

TRA Exit Record Substances

CAS RN

Substance Name

67-64-1

Acetone

Company Name

Woodbridge Foam Corp.

Highest Ranking Employee

Ron VanHaecke

Report Submitted by

Ron Vanhaecke

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
2014	28/05/2015	Whitby Site	Ontario	Whitby	NPRI,ON MOE TRA,ON MOE

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: 3.9.0



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