# National Pollutant Release Inventory (NPRI) and



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SWIM ➤ 2015 ➤ Woodbridge Foam Corp. ➤ Whitby Site ➤ Report Preview

# Report Preview

#### Report Details

Report Year

2015

Report Type:

NPRI,ON MOE TRA,ON MOE

Report Status:

Submitted

Modified Date/Time:

30/05/2016 9:46 AM

#### 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, Person who prepared the report

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

Name:

Karl Dickhoff

Position:

Plant Manager

Telephone: 9054348473 Fmail: karl\_dickhoff@woodbridgegroup.com Mailing Address: Delivery Mode: GeneralDelivery Address Line 1: 1999 Forbes Street Street City, Province/Territory, Postal Code: Whitby Ontario L1N 7V4 Country: Canada Contact Type Company Coordinator 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 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: 200

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

#### Shutdown Periods:

From 2015-12-23 To 2015-12-31

Christmas Shut down. No production.

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)	0.0165	N/A	0.0030	N/A	tonnes
101-68-8	Methylenebis(phenylisocyanate)	0.0000	N/A	0.0401	N/A	tonnes
9016-87-9	Polymeric diphenylmethane diisocyanate	0.0000	N/A	0.0500	N/A	tonnes
584-84-9	Toluene-2,4-diisocyanate	0.1474	N/A	0.2295	N/A	kg
91-08-7	Toluene-2,6-diisocyanate	0.0513	N/A	60.0000	N/A	kg
NA - M16	Volatile Organic Compounds (VOCs)	108.6980	108.6980	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	No
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	

CAS RN	Substance Name	Manufacture the Substance	Process the Substance	Otherwise Use of the Substance
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	39.194 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	122.034 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	152.542 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	701694 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	244067 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	108.698 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	108.698 tonnes
64742-47-8	Hydrotreated light distillate	Creation	0 tonnes

# TRA Quantifications - Total Speciated VOCs

Use, Creation, Contained	Quantity
Use	108.698 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					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	<b>Detail Code</b>	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		0.1474 kg
91-08-7	Toluene-2,6-diisocyanate	Stack or Point Releases	E1 - Site Specific Emission Factors		0.0513 kg
NA - M16	Volatile Organic Compounds (VOCs)	Stack or Point Releases	C - Mass Balance		108.698 tonnes
NA - M16	Volatile Organic Compounds (VOCs)	Other Sources - Speciated VOCs	NA - Not Applicable		108.698 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	0.1474 kg
91-08-7	Toluene-2,6-diisocyanate	0.0513 kg

CAS RN	Substance Name	Total - Releases to Air
NA - M16	Volatile Organic Compounds (VOCs)	108.698 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	108.698 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		0.0165 tonnes
101-68-8	Methylenebis(phenylisocyanate)	Total Quantity Released E2 - Published Emission Factors			0.0000 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	0.1474 kg
91-08-7	Toluene-2,6-diisocyanate	0.0513 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
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	No significant 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 - 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		0.0401 tonnes
9016-87-9	Polymeric diphenylmethane diisocyanate	Incineration / Thermal	C - Mass Balance		0.050 tonnes
584-84-9	Toluene-2,4-diisocyanate	Incineration / Thermal	C - Mass Balance		0.2295 kg
91-08-7	Toluene-2,6-diisocyanate	Incineration / Thermal	C - Mass Balance		60.00 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)	0.0401 tonnes
9016-87-9	Polymeric diphenylmethane diisocyanate	0.050 tonnes
584-84-9	Toluene-2,4-diisocyanate	0.2295 kg
91-08-7	Toluene-2,6-diisocyanate	60.00 kg

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

CAS RN	Substance Name	Category	Off-site Name	Off-site Address	Quantity	
101-68-8	Methylenebis(phenylisocyanate)	Incineration / Thermal	Detox Environmental Ltd.	322 Bennett, Bowmanville, ON, Canada	0.0401 tonnes	

CAS RN	Substance Name	Category	Off-site Name	Off-site Address	Quantity
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	0.2295 kg
9016-87-9	Polymeric diphenylmethane diisocyanate	Incineration / Thermal	Detox Environmental Ltd.	322 Bennett, Bowmanville, ON, Canada	0.050 tonnes
91-08-7	Toluene-2,6-diisocyanate	Incineration / Thermal	Detox Environmental Ltd.	322 Bennett, Bowmanville, ON, Canada	60.00 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

# 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)	0.0401 tonnes
9016-87-9	Polymeric diphenylmethane diisocyanate	0.050 tonnes
584-84-9	Toluene-2,4-diisocyanate	0.2295 kg
91-08-7	Toluene-2,6-diisocyanate	60.00 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	No significant change (i.e. < 10%) or no change	
9016-87-9	Polymeric diphenylmethane diisocyanate	Production residues	Other (specify in On-site Releases comment field)	Formulation Changes
91-08-7	Toluene-2,6-diisocyanate	Production residues	Other (specify in On-site Releases comment field)	Less Spills or leakages and more better management.

# 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

Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
Diethanolamine (and its salts)	No	Enters the facility (Use)	39.194 tonnes	38.599 tonnes	2014	0.595	1.54
Diethanolamine (and its salts)	No	Creation	0 tonnes	0 tonnes	2013	0	
Diethanolamine (and its salts)	No	Contained	0 tonnes	0 tonnes	2013	0	
Hydrotreated light distillate	Yes	Enters the facility (Use)	108.698 tonnes	108.043 tonnes	2014	0.655	0.61
Hydrotreated light distillate	Yes	Creation	0 tonnes	0 tonnes	2013	0	
Methylenebis(phenylisocyanate)	No	Enters the facility (Use)	122.034 tonnes	121.790 tonnes	2014	0.244	0.20
Methylenebis(phenylisocyanate)	No	Creation	0 tonnes	0 tonnes	2013	0	
Methylenebis(phenylisocyanate)	No	Contained	0 tonnes	0 tonnes	2013	0	
Polymeric diphenylmethane diisocyanate	No	Enters the facility (Use)	152.542 tonnes	243.58 tonnes	2014	-91.038	-37.37
Polymeric diphenylmethane diisocyanate	No	Creation	0 tonnes	0 tonnes	2013	0	
Polymeric diphenylmethane diisocyanate	No	Contained	0 tonnes	0 tonnes	2013	0	
Toluene-2,4-diisocyanate	No	Enters the facility (Use)	701694 kg	700292 kg	2014	1402	0.20
Toluene-2,4-diisocyanate	No	Creation	0 kg	0 kg	2013	0	
Toluene-2,4-diisocyanate	No	Contained	0 kg	0 kg	2013	0	
	Diethanolamine (and its salts) Diethanolamine (and its salts) Hydrotreated light distillate Hydrotreated light distillate Methylenebis(phenylisocyanate) Methylenebis(phenylisocyanate) Methylenebis(phenylisocyanate) Polymeric diphenylmethane diisocyanate Polymeric diphenylmethane diisocyanate Polymeric diphenylmethane diisocyanate Polymeric diphenylmethane diisocyanate Toluene-2,4-diisocyanate	Diethanolamine (and its salts)  Diethanolamine (and its salts)  Diethanolamine (and its salts)  No  Diethanolamine (and its salts)  No  Hydrotreated light distillate  Hydrotreated light distillate  Yes  Methylenebis(phenylisocyanate)  Methylenebis(phenylisocyanate)  No  Methylenebis(phenylisocyanate)  No  Polymeric diphenylmethane  diisocyanate  Polymeric diphenylmethane  diisocyanate  Polymeric diphenylmethane  diisocyanate  Polymeric diphenylmethane  diisocyanate  No  Toluene-2,4-diisocyanate  No  Toluene-2,4-diisocyanate	Diethanolamine (and its salts)  No  Enters the facility (Use)  Diethanolamine (and its salts)  No  Contained  Hydrotreated light distillate  Yes  Enters the facility (Use)  Hydrotreated light distillate  Yes  Creation  Methylenebis(phenylisocyanate)  No  Creation  Methylenebis(phenylisocyanate)  No  Creation  Methylenebis(phenylisocyanate)  No  Contained  Polymeric diphenylmethane  diisocyanate  Polymeric diphenylmethane  diisocyanate  Polymeric diphenylmethane  diisocyanate  Polymeric diphenylmethane  diisocyanate  No  Creation  Creation  Toluene-2,4-diisocyanate  No  Creation  Toluene-2,4-diisocyanate  No  Creation	Diethanolamine (and its salts)  No  Enters the facility (Use)  Diethanolamine (and its salts)  No  Creation  O tonnes  Diethanolamine (and its salts)  No  Contained  O tonnes  Hydrotreated light distillate  Yes  Enters the facility (Use)  Hydrotreated light distillate  Yes  Creation  O tonnes  Hydrotreated light distillate  Yes  Creation  O tonnes  Methylenebis(phenylisocyanate)  Methylenebis(phenylisocyanate)  Methylenebis(phenylisocyanate)  Methylenebis(phenylisocyanate)  Mo  Contained  O tonnes  Polymeric diphenylmethane  diisocyanate  Polymeric diphenylmethane  Polymeric diphenylmethane  Hydrotreated light distillate  No  Creation  O tonnes  Polymeric diphenylmethane  Discovanate  Polymeric diphenylmethane  Discovanate  No  Creation  O tonnes  Polymeric diphenylmethane  Discovanate  Polymeric diphenylmethane  Discovanate  No  Creation  O tonnes  Polymeric diphenylmethane  Discovanate  Polymeric diphenylmethane  Discovanate  No  Creation  O tonnes  Toluene-2,4-diisocyanate  No  Creation  O tonnes	Diethanolamine (and its salts)  No  Enters the facility (Use)  Diethanolamine (and its salts)  No  Creation  O tonnes  O tonnes  O tonnes  Diethanolamine (and its salts)  No  Contained  O tonnes  O tonnes  O tonnes  Hydrotreated light distillate  Yes  Enters the facility (Use)  Hydrotreated light distillate  Yes  Creation  O tonnes  O tonnes  O tonnes  Hydrotreated light distillate  Yes  Creation  O tonnes  O tonnes  O tonnes  Methylenebis(phenylisocyanate)  No  Enters the facility (Use)  Enters the facility (Use)  Toluene-2,4-diisocyanate  No  Creation  O tonnes  Creation  O tonnes  O tonnes	Diethanolamine (and its salts)  No  Enters the facility (Use)  Diethanolamine (and its salts)  No  Creation  O tonnes  O tonne	Diethanolamine (and its salts)  No  Enters the facility (Use)  Diethanolamine (and its salts)  No  Creation  O tonnes  O tonne

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)	244067 kg	243580 kg	2014	487	0.20
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)	No reasons - quantities approximately the same	
9016-87-9	Polymeric diphenylmethane diisocyanate	Other	Change in the Chemical reactant. decreased ratio in the formulation
584-84-9	Toluene-2,4-diisocyanate	No reasons - quantities approximately the same	
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	

# 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	0.0165 tonnes	0.016 tonnes	2014	0.0005	3.12
64742-47- 8	Hydrotreated light distillate	Yes	Total Releases to Air	108.698 tonnes	108.043 tonnes	2014	0.655	0.61
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	0.000 tonnes	2014	0.0000	
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	2014	0.000	
584-84-9	Toluene-2,4-diisocyanate	No	Total Releases to Air	0.1474 kg	0.147 kg	2014	0.0004	0.27
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	0.0513 kg	0.051 kg	2014	0.0003	0.59
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	No reasons - quantities approximately the same	
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	

# 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	2014	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	2014	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	0.0401 tonnes	0.040 tonnes	2014	0.0001	0.25
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	0.050 tonnes	0.08 tonnes	2014	-0.030	-37.50
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	0.2295 kg	0.229 kg	2014	0.0005	0.22
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	60.00 kg	80.00 kg	2014	-20.00	-25.00
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	Other	changes in Formulation resulted in different ratio of reactant.
584-84-9	Toluene-2,4-diisocyanate	No reasons - quantities approximately the same	
91-08-7	Toluene-2,6-diisocyanate	Other	Better control over the spills and Leakages and better management

Does the facility have a documented pollution Yes prevention plan? 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? c) Does the plan address substances, energy Substances conservation, or water conservation? Please summarize your pollution prevention The Facility intends to reduce the use of the VOC's in Mould release agents by 5% over the plan and/or your pollution prevention next 3 years. activities (this information will be publicly available) Did the facility complete any pollution No prevention activities in the current NPRI

#### Progress on TRA Plan - Objectives

reporting year

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	1-42-2 Diethanolamine (and its salts)		No timeline target	
64742-47-8	64742-47-8 Hydrotreated light distillate		3	
101-68-8 Methylenebis(phenylisocyanate)		No quantity target	No timeline target	
9016-87-9	9016-87-9 Polymeric diphenylmethane diisocyanate		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	01-68-8 Methylenebis(phenylisocyanate)		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
64742-47- 8	Hydrotreated light distillate		better control over the usage with modified spray patterns	better control over the usage with modified spray patterns	work in progress on improving the system usage.	better control over the usage with modified spray patterns

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

CAS RN	Substance Name	Activity	Reductions due to Options Implemented	
64742-47- 8	Hydrotreated light distillate	Modified equipment, layout or piping	The amount of reduction in <b>use</b> of the substance at the facility during the reporting period that resulted due to the steps described:	
64742-47- 8	Hydrotreated light distillate	Modified equipment, layout or piping	The amount of reduction in <b>creation</b> of the substance at the facility during the reporting period that resulted due to the steps described:	
64742-47- 8	Hydrotreated light distillate	Modified equipment, layout or piping	The amount of reduction in the substance <b>contained in product</b> 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 <b>release to air</b> of the substance at the facility during the reporting period that resulted due to the steps described:	
64742-47- 8	Hydrotreated light distillate	Modified equipment, layout or piping	The amount of reduction in <b>release to water</b> of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount

	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 <b>release to land</b> 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 <b>disposed on-site</b> (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 <b>disposed off-site</b> (including tailings and waste rocks) at the facility during the reporting period that resulted due to the steps described:	No Amount
ĺ	54742-47- 8	Hydrotreated light distillate	Modified equipment, layout or piping	The amount of reduction in the substance <b>recycled off-site</b> 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	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		
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 <b>use</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
11-42-2	Diethanolamine (and its salts)	The amount of reduction in <b>creation</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
11-42-2	Diethanolamine (and its salts)	The amount of reduction in the substance <b>contained in product</b> at the facility during the reporting period that resulted due to the additional actions.	
11-42-2	Diethanolamine (and its salts)	The amount of reduction in <b>release to air</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
11-42-2	Diethanolamine (and its salts)	The amount of reduction in <b>release to water</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
11-42-2	Diethanolamine (and its salts)	The amount of reduction in <b>release to land</b> of the substance at the facility during the reporting period that resulted due to additional actions.	
11-42-2	Diethanolamine (and its salts)	The amount of reduction in the substance <b>disposed on-site</b> (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
11-42-2	Diethanolamine (and its salts)	The amount of reduction in the substance <b>disposed off-site</b> (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
11-42-2	Diethanolamine (and its salts)	The amount of reduction in the substance <b>recycled off-site</b> 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 <b>use</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
64742-47- B	Hydrotreated light distillate	The amount of reduction in <b>creation</b> of the substance 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 the substance <b>contained in product</b> 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 <b>release to air</b> of the substance 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 <b>release to water</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
64742-47- 3	Hydrotreated light distillate	The amount of reduction in <b>release to land</b> of the substance at the facility during the reporting period that resulted due to additional actions.	
54742-47- 3	Hydrotreated light distillate	The amount of reduction in the substance <b>disposed on-site</b> (including tailings and waste rocks) 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 the substance <b>disposed off-site</b> (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
64742-47- B	Hydrotreated light distillate	The amount of reduction in the substance <b>recycled off-site</b> at the facility during the reporting period that resulted due to the additional actions.	
.01-68-8	Methylenebis(phenylisocyanate)	The amount of reduction in <b>use</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
.01-68-8	Methylenebis(phenylisocyanate)	The amount of reduction in <b>creation</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
.01-68-8	Methylenebis(phenylisocyanate)	The amount of reduction in the substance <b>contained in product</b> at the facility during the reporting period that resulted due to the additional actions.	
.01-68-8	Methylenebis(phenylisocyanate)	The amount of reduction in <b>release to air</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
01-68-8	Methylenebis(phenylisocyanate)	The amount of reduction in <b>release to water</b> 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 Q	
101-68-8	Methylenebis(phenylisocyanate)	The amount of reduction in ${\bf release\ to\ land}$ 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 <b>disposed on-site</b> (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 <b>disposed off-site</b> (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 <b>recycled off-site</b> 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 <b>use</b> of the substance at the facility during the reporting period that resulted due of the additional actions.	
9016-87-9	Polymeric diphenylmethane diisocyanate	The amount of reduction in <b>creation</b> 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 <b>contained in product</b> 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 <b>release to air</b> 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 <b>release to water</b> 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 <b>release to land</b> 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 <b>disposed on-site</b> (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 <b>disposed off-site</b> (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 <b>recycled off-site</b> 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 <b>use</b> 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 <b>creation</b> 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 <b>contained in product</b> 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 <b>release to air</b> 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 <b>release to water</b> 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 <b>release to land</b> 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 <b>disposed on-site</b> (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 <b>disposed off-site</b> (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 <b>recycled off-site</b> 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 <b>use</b> 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 <b>creation</b> 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 <b>contained in product</b> 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 <b>release to air</b> 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 <b>release to water</b> 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 <b>release to land</b> 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 <b>disposed on-site</b> (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 <b>disposed off-site</b> (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 <b>recycled off-site</b> 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	that were made to the toxic substance reduction plan during the reporting period	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		

CAS KN	Substance Name	reduction plan during the reporting period	substance reduction plan during the reporting period	made to the toxic substance reduction plan during the reporting period
584-84-9	Toluene-2,4-diisocyanate	No		
91-08-7	Toluene-2,6-diisocyanate	No		

made to the toxic substance that were made to the toxic

**Description any amendments** 

Provide a public summary of the

description of any amendments that were

#### Report Submission and Electronic Certification

#### NPRI - Electronic Statement of Certification

Were any amendments

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)

Karl Dickhoff

Report Submitted by

Karl Dickhoff

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 30/05/2016, I, Karl Dickhoff, 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 30/05/2016, I Karl Dickhoff, 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 refered 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				
Karl Dickhoff				
Report Submitted by				
Karl Dickhoff				

#### Website address

http://www.cotter associates.ca/Toxic%20 Reduction%20 Planning.htm

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

Terms and Conditions | Transparency

Period	Submission Date	Facility Name	Province	City	Programs
2015	30/05/2016	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: 3.10.0

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