National Pollutant Release Inventory (NPRI) and





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SWIM > 2015 > Vitafoam Products Canada - Toronto Division > Vitafoam Products Canada - Toronto, a Division of VPC Group Inc. (Update 1) > Report Preview

Report Preview

Report Details

Report Year

2015

Report Type:

NPRI,ON MOE TRA

Report Status:

Update 1 - Submitted

Modified Date/Time:

19/12/2016 11:38 AM

Report Update Comments:

Update to correct TRA plan progress on 2 substances that were erroneously reported as first year reporting status.

Company and Facility Details

Company Name:

Vitafoam Products Canada - Toronto Division

Business Number:

105549034

Mailing Address:

Delivery Mode: GeneralDelivery Address Line 1: 150 Toro Road

City, Province/Territory, Postal Code: TOronto Ontario M3J2A9

Country: Canada

Facility Name:

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

NAICS Code:

326150

NPRI ID:

4552

ON Reg 127/01 ID:

6594

Physical Address:

Address Line 1: 150 Toro Road

City, Province/Territory, Postal Code: Downsview Ontario M3J2A9

Country: Canada Latitude: 43.76250 Longitude: -79.48120 UTM Zone: 17 UTM Easting: 622252 UTM Northing: 4846606

Parent Companies

Company Name:

VPC Group Inc.

Business Number:

105549034

Mailing Address:

Delivery Mode: GeneralDelivery Address Line 1: 150 Toro Road

City, Province/Territory, Postal Code: Toronto Ontario M3J 2A9

Country: Canada

Contacts Details

Contact Type

Technical Contact, Contractor Contact, Person who prepared the report

Name: Mark Cotter Position: Principal Telephone: 4164718774 Email: mcotter@cotterassociates.ca Independent contractor/consultant company Cotter Associates Ltd. name: Contact Type Certifying Official, Highest Ranking Employee Name: Peter Farah Position: President Telephone: 4166306639 Email: pfarah@vitacanada.ca **General Information** Number of employees: 70 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 No environmental regulations or permits: Is the facility required to report one or more No NPRI Part 4 substances (Criteria Air Contaminants):

Substance List

| CAS RN | Substance Name | Releases | Releases (Speciated VOCs) | Disposals | Recycling | Unit |
|------------|--|----------|---------------------------|-----------|-----------|--------|
| 111-42-2 | Diethanolamine (and its salts) | N/A | N/A | N/A | N/A | tonnes |
| 101-68-8 | Methylenebis(phenylisocyanate) | 0.0007 | N/A | N/A | N/A | tonnes |
| 9016-87-9 | Polymeric diphenylmethane diisocyanate | 0.0009 | N/A | N/A | N/A | tonnes |
| 26471-62-5 | Toluenediisocyanate (mixed isomers) | 12.4500 | N/A | N/A | N/A | kg |

Applicable Programs

| CAS RN | Substance Name | NPRI | ON MOE TRA | ON MOE Reg 127/01 | First report for this substance to the ON MOE TRA |
|------------|--|------|------------|-------------------|---|
| 111-42-2 | Diethanolamine (and its salts) | No | No | | No |
| 101-68-8 | Methylenebis(phenylisocyanate) | Yes | Yes | | No |
| 9016-87-9 | Polymeric diphenylmethane diisocyanate | Yes | Yes | | No |
| 26471-62-5 | Toluenediisocyanate (mixed isomers) | Yes | Yes | | No |

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

| CAS RN | Substance Name | Was the substance released on-site | The substance will be reported as the sum of releases to all media (total of 1 tonne or less) | 1 tonne or more of a Part 5 Substance (Speciated VOC) was released to air |
|-----------|--|------------------------------------|---|--|
| 111-42-2 | Diethanolamine (and its salts) | No | No | No |
| 101-68-8 | Methylenebis(phenylisocyanate) | Yes | Yes | No |
| 9016-87-9 | Polymeric diphenylmethane diisocyanate | Yes | Yes | No |

| 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 |
|-----------|-------------------------------------|------------------------------------|---|--|
| 26471-62- | Toluenediisocyanate (mixed isomers) | Yes | No | No |

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

| CAS RN | Substance Name | Was the substance disposed of (on-site or off-site), or transferred for treatment prior to final disposal | Is the facility required to report on disposals of tailings and waste rock for the selected reporting period | Was the substance transferred off-site for recycling |
|----------------|--|---|--|--|
| 111-42-2 | Diethanolamine (and its salts) | No | No | No |
| 101-68-8 | Methylenebis(phenylisocyanate) | No | No | No |
| 9016-87-9 | Polymeric diphenylmethane diisocyanate | No | No | No |
| 26471-62- 5 | Toluenediisocyanate (mixed isomers) | No | No | No |

General Information about the Substance - Nature of Activities

| CAS RN | Substance Name | Manufacture the Substance | Process the Substance | Otherwise Use of the Substance |
|------------|--|---------------------------|------------------------------|--------------------------------|
| 111-42-2 | Diethanolamine (and its salts) | | As a reactant | |
| 101-68-8 | Methylenebis(phenylisocyanate) | | As a reactant | |
| 9016-87-9 | Polymeric diphenylmethane diisocyanate | | As a reactant | |
| 26471-62-5 | Toluenediisocyanate (mixed isomers) | | As a reactant | |

TRA Quantifications

| CAS RN | Substance Name | Use, Creation, Contained | Quantity | Use ranges for public reporting |
|------------|--|--------------------------|---------------|---------------------------------|
| 111-42-2 | Diethanolamine (and its salts) | Use | 6.900 tonnes | Yes |
| 111-42-2 | Diethanolamine (and its salts) | Creation | 0 tonnes | No |
| 111-42-2 | Diethanolamine (and its salts) | Contained | 0 tonnes | Yes |
| 101-68-8 | Methylenebis(phenylisocyanate) | Use | 32.638 tonnes | Yes |
| 101-68-8 | Methylenebis(phenylisocyanate) | Creation | 0 tonnes | No |
| 101-68-8 | Methylenebis(phenylisocyanate) | Contained | 0 tonnes | No |
| 9016-87-9 | Polymeric diphenylmethane diisocyanate | Use | 43.285 tonnes | Yes |
| 9016-87-9 | Polymeric diphenylmethane diisocyanate | Creation | 0 tonnes | No |
| 9016-87-9 | Polymeric diphenylmethane diisocyanate | Contained | 0 tonnes | No |
| 26471-62-5 | Toluenediisocyanate (mixed isomers) | Use | 3412117 kg | Yes |
| 26471-62-5 | Toluenediisocyanate (mixed isomers) | Creation | 0 kg | No |
| 26471-62-5 | Toluenediisocyanate (mixed isomers) | Contained | 0 kg | No |

TRA Quantifications - Others

| CAS RN | Substance Name | Change in Method of Quantification | Reasons for Change | Description of how the change impact tracking and quantification of the substance | 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 |
| 26471-62- 5 | Toluenediisocyanate (mixed isomers) | | | | | No |

On-site Releases - Releases to air

| CAS RN | Substance Name | Category | Basis of Estimate | Detail Code | Quantity |
|------------|-------------------------------------|-------------------------|---------------------------|-------------|----------|
| 26471-62-5 | Toluenediisocyanate (mixed isomers) | Stack or Point Releases | O - Engineering Estimates | | 12.45 kg |

On-site Releases - Releases to air - Total

| CAS RN Substance Name | | Total - Releases to Air | |
|-----------------------|-------------------------------------|-------------------------|--|
| 26471-62-5 | Toluenediisocyanate (mixed isomers) | 12.45 kg | |

Total Quantity Released (All Media)

| CAS RN | Substance Name | Category | Basis of Estimate | Detail Code | Quantity |
|--------|----------------|----------|-------------------|-------------|----------|
| | | | | | |

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

On-site Releases - Total

| CAS RN Substance Name | | Total releases | |
|-----------------------|-------------------------------------|----------------|--|
| 26471-62-5 | Toluenediisocyanate (mixed isomers) | 12.45 kg | |

On-site Releases - Quarterly Breakdown of Annual Releases

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

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

| CAS RN | Substance Name | Reasons for Changes in Quantities 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 | The substance was NOT released on-site, as indicated in a previous questions. |
| 26471-62- 5 | Toluenediisocyanate (mixed isomers) | Changes in production levels | |
| 9016-87-9 | Polymeric diphenylmethane diisocyanate | No significant change (i.e. < 10%) or no change | |

Disposals - Reasons and Comments

| CAS RN | Substance Name | Reasons Why Substance Was Disposed | Reasons for Changes in Quantities Disposed from Previous Year | Comments (Disposals) |
|----------------|--|---------------------------------------|--|--|
| 101-68-8 | Methylenebis(phenylisocyanate) | | No significant change (i.e. < 10%) or no change | Substance is not disposed. |
| 111-42-2 | Diethanolamine (and its salts) | | No significant change (i.e. < 10%) or no change | The substance was NOT disposed of, as already indicated. |
| 26471-62- 5 | Toluenediisocyanate (mixed isomers) | | No significant change (i.e. < 10%) or no change | The substance is NOT disposed. |
| 9016-87-9 | Polymeric diphenylmethane diisocyanate | | No significant change (i.e. < 10%) or no change | Substance is not disposed. |

Recycling - Reasons and Comments

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

Comparison Report - Enters, Creation, Contained in Product

| CAS RN | Substance Name | Is Breakdown | Category | Quantity | Last Reported Quantity | Reporting Period of Last Reported Quantity | Change | % Change |
|-----------|--|-----------------|---------------------------|------------------|---------------------------|---|--------|----------|
| 111-42-2 | Diethanolamine (and its salts) | No | Enters the facility (Use) | 6.900 tonnes | 8.881 tonnes | 2014 | -1.981 | -22.31 |
| 111-42-2 | Diethanolamine (and its salts) | No | Creation | 0 tonnes | 0 tonnes | 2014 | 0 | |
| 111-42-2 | Diethanolamine (and its salts) | No | Contained | 0 tonnes | 0 tonnes | 2014 | 0 | |
| 101-68-8 | Methylenebis(phenylisocyanate) | No | Enters the facility (Use) | 32.638 tonnes | 36.408 tonnes | 2014 | -3.770 | -10.35 |
| 101-68-8 | Methylenebis(phenylisocyanate) | No | Creation | 0 tonnes | 0 tonnes | 2014 | 0 | |
| 101-68-8 | Methylenebis(phenylisocyanate) | No | Contained | 0 tonnes | 0 tonnes | 2014 | 0 | |
| 9016-87-9 | Polymeric diphenylmethane diisocyanate | No | Enters the facility (Use) | 43.285 tonnes | 48.285 tonnes | 2014 | -5.000 | -10.36 |
| | | | | | | | | |

| CAS RN | Substance Name | Is Breakdown | Category | Quantity | Last Reported Quantity | Reporting Period of Last Reported Quantity | Change | % Change |
|----------------|--|-----------------|---------------------------|---------------|---------------------------|---|--------|----------|
| 9016-87-9 | Polymeric diphenylmethane diisocyanate | No | Creation | 0 tonnes | 0 tonnes | 2014 | 0 | |
| 9016-87-9 | Polymeric diphenylmethane diisocyanate | No | Contained | 0 tonnes | 0 tonnes | 2014 | 0 | |
| 26471-62- 5 | Toluenediisocyanate (mixed isomers) | No | Enters the facility (Use) | 3412117 kg | 2868313 kg | 2014 | 543804 | 18.96 |
| 26471-62- 5 | Toluenediisocyanate (mixed isomers) | No | Creation | 0 kg | 0 kg | 2014 | 0 | |
| 26471-62- 5 | Toluenediisocyanate (mixed isomers) | No | Contained | 0 kg | 0 kg | 2014 | 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) | Decrease in production levels | |
| 101-68-8 | Methylenebis(phenylisocyanate) | Decrease in production levels | |
| 9016-87-9 | Polymeric diphenylmethane diisocyanate | Decrease in production levels | |
| 26471-62-5 | Toluenediisocyanate (mixed isomers) | Increase 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 |
|----------------|--|-----------------|--------------------------------|------------------|---------------------------|---|---------|----------|
| 101-68-8 | Methylenebis(phenylisocyanate) | No | Total Releases to Air | 0 tonnes | 0 tonnes | 2014 | 0 | |
| 101-68-8 | Methylenebis(phenylisocyanate) | No | Total Releases to Water | 0 tonnes | 0 tonnes | 2014 | 0 | |
| 101-68-8 | Methylenebis(phenylisocyanate) | No | Total Releases to Land | 0 tonnes | 0 tonnes | 2014 | 0 | |
| 101-68-8 | Methylenebis(phenylisocyanate) | No | Total Releases to All Media | 0.0007 tonnes | 0.0007 tonnes | 2014 | 0.0000 | 0 |
| 9016-87-9 | Polymeric diphenylmethane diisocyanate | No | Total Releases to Air | 0 tonnes | 0 tonnes | 2014 | 0 | |
| 9016-87-9 | Polymeric diphenylmethane diisocyanate | No | Total Releases to Water | 0 tonnes | 0 tonnes | 2014 | 0 | |
| 9016-87-9 | Polymeric diphenylmethane diisocyanate | No | Total Releases to Land | 0 tonnes | 0 tonnes | 2014 | 0 | |
| 9016-87-9 | Polymeric diphenylmethane diisocyanate | No | Total Releases to All Media | 0.0009 tonnes | 0.0010 tonnes | 2014 | -0.0001 | -10.0 |
| 26471-62- 5 | Toluenediisocyanate (mixed isomers) | No | Total Releases to Air | 12.45 kg | 10.47 kg | 2014 | 1.98 | 18.91 |
| 26471-62- 5 | Toluenediisocyanate (mixed isomers) | No | Total Releases to Water | 0 kg | 0 kg | 2014 | 0 | |
| 26471-62- 5 | Toluenediisocyanate (mixed isomers) | No | Total Releases to Land | 0 kg | 0 kg | 2014 | 0 | |
| 26471-62- 5 | Toluenediisocyanate (mixed isomers) | No | Total Releases to All Media | 0 kg | 0 kg | 2013 | 0 | |

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

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

Pollution Prevention

Does the facility have a documented pollution prevention plan?

a) Please check all that apply

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

c) Does the plan address substances, energy

conservation, or water conservation?

Please summarize your pollution prevention plan and/or your pollution prevention

activities (this information will be publicly

Yes

Plan was required by a P2 Planning Notice published under the Canadian Environmental Protection Act, 1999? Specify name in comments field below.

Substances

P2 Plan for TDI developed in 2012/2013.

Progress on TRA Plan - Objectives

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

Progress on TRA Plan - Targets

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

Progress on TRA Plan - Description

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

Progress on TRA Plan - Additional Actions

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

Progress on TRA Plan - Reductions due to additional actions taken

| Substance Name | Reductions due to additional actions taken | Quantity |
|--------------------------------|--|--|
| 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. | |
| 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. | |
| 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. | |
| 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. | |
| 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. | |
| 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. | |
| 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. | |
| 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. | |
| 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. | |
| 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. | |
| 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. | |
| | Diethanolamine (and its salts) Methylenebis(phenylisocyanate) | Diethanolamine (and its salts) 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. Diethanolamine (and its salts) 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. 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. 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. 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. 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. 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. 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. The amount of reduction in the substance at the facility during the reporting period that resulted due to the additional actions. The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions. 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 |
|----------------|--|---|----------|
| 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. | |
| 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. | |
| 26471-62- 5 | Toluenediisocyanate (mixed isomers) | The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions. | |
| 26471-62- 5 | Toluenediisocyanate (mixed isomers) | The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions. | |
| 26471-62- 5 | Toluenediisocyanate (mixed isomers) | The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the additional actions. | |
| 26471-62- 5 | Toluenediisocyanate (mixed isomers) | 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. | |
| 26471-62- 5 | Toluenediisocyanate (mixed isomers) | 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. | |
| 26471-62- 5 | Toluenediisocyanate (mixed isomers) | The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to additional actions. | |
| 26471-62- 5 | Toluenediisocyanate (mixed isomers) | 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. | |
| 26471-62- 5 | Toluenediisocyanate (mixed isomers) | 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. | |
| 26471-62- 5 | Toluenediisocyanate (mixed isomers) | 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 | | |
| 101-68-8 | Methylenebis(phenylisocyanate) | No | | |
| 9016-87-9 | Polymeric diphenylmethane diisocyanate | No | | |
| 26471-62- 5 | Toluenediisocyanate (mixed isomers) | No | | |

Report Submission and Electronic Certification

NPRI - Electronic Statement of Certification

| Comments (optional) | |
|---------------------|--|
| | |

I hereby certify that I have exercised due diligence to ensure that the submitted information is true and complete. The amounts and values for the facility(ies) identified below are accurate, based on reasonable estimates using available data. The data for the facility(ies) that I represent are hereby submitted to the programs identified below using the Single Window Reporting Application.

I also acknowledge that the data will be made public.

Note: Only the person identified as the Certifying Official or the authorized delegate should submit the report(s) identified below.

Company Name

Vitafoam Products Canada - Toronto Division

Certifying Official (or authorized delegate)

Peter Farah

Report Submitted by

Peter Farah

I, the Certifying Official or authorized delegate, agree with the statements above and acknowledge that by pressing the "Submit Report(s)" button, I am electronically certifying and submitting the facility report(s) for the identified company to its affiliated programs.

ON MOE TRA - Electronic Certification Statement

Annual Report Certification Statement

As of 19/12/2016, I, Peter Farah, certify that I have read the reports on the toxic substance reduction plans for the toxic substances referred to below and am familiar with their contents, and to my knowledge the information contained in the reports is factually accurate and the reports comply with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

TRA Substance List

| | CAS RN | Substance Name | | |
|---------------------|------------------------|--|--|--|
| | 111-42-2 | Diethanolamine (and its salts) | | |
| | 101-68-8 | Methylenebis(phenylisocyanate) | | |
| | 9016-87-9 | Polymeric diphenylmethane diisocyanate | | |
| | 26471-62-5 | Toluenediisocyanate (mixed isomers) | | |
| Com | pany Name | | | |
| Vita | foam Products Canada - | Toronto Division | | |
| High | est Ranking Employee | | | |
| Pet | Peter Farah | | | |
| Report Submitted by | | | | |
| Peter Farah | | | | |
| Web | 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 |
|--------|-----------------|--|----------|-----------|-----------------|
| 2015 | 19/12/2016 | Vitafoam Products Canada - Toronto, a Division of VPC Group Inc. | Ontario | Downsview | NPRI,ON MOE TRA |

Note: If there is a change in the contact information for the facility, a change in the owner or operator of the facility, if operations at the facility are terminated, or if information submitted for any previous year was mistaken or inaccurate, please update this information through SWIM or by contacting the National Pollutant Release Inventory directly.

Version: 3.11.2



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