

Plan Summary Preview

Company Details

Company Legal Name

Brimac Anodizing Ltd.

Company Address

542 Kipling Avenue, Toronto (Ontario)

Report Details

Facility Name

BRIMAC ANODIZING (1985) LIMITED

Facility Address

542 Kipling Avenue, Toronto (Ontario)

Update Comments

Activities

Contacts

Select the Facility Contacts

Facility Contacts

Please assign the appropriate contact under each category below.

Public Contact: *

Colin Brighton

Highest Ranking Employee

Colin Brighton

Person responsible for Toxic Substance Reduction Plan preparation

Wendy Nadan

Organization Validation

Company and Parent Company Information

Company Details

Company Legal Name: *

Brimac Anodizing Ltd.

Company Trade Name: *

Business Number: *

Mailing Address

Delivery Mode

PO Box

Rural Route Number

Address Line 1

City *

Province/Territory **

Postal Code: **

Physical Address

Address Line 1

City

Province/Territory

Postal Code

Additional Information

Land Survey Description

National Topographical Description

Parent Companies

Empty

Facility Validation

The information in this section was copied from the Single Window Information Manager (SWIM) at the time the plan summary was created. Please verify the information and update it where required. Please note that any changes made here will only be reflected in this plan summary. To ensure updates reflected in future reports, please ensure the information is updated in SWIM. After making updates in SWIM, return here and click the "Refresh" button to trigger a reload of the SWIM information. Please note all previously entered data

will be modified.

Facility Information

| | |
|------------------|--|
| Facility Name: * | <input type="text" value="BRIMAC ANODIZING (1985) LIMITED"/> |
| NAICS Code: * | <input type="text" value="332810"/> |
| NPRI Id: * | <input type="text" value="632"/> |
| ON Reg 127/01 Id | <input type="text"/> |

Facility Mailing Address

| | |
|-----------------------|---|
| Delivery Mode | <input type="text" value="General Delivery"/> |
| PO Box | <input type="text"/> |
| Rural Route Number | <input type="text"/> |
| Address Line 1 | <input type="text" value="542 Kipling Avenue"/> |
| City * | <input type="text" value="Toronto"/> |
| Province/Territory ** | <input type="text" value="Ontario"/> |
| Postal Code: ** | <input type="text" value="M8Z5E3"/> |

Physical Address

| | |
|------------------------------------|---|
| Address Line 1 | <input type="text" value="542 Kipling Avenue"/> |
| City | <input type="text" value="Toronto"/> |
| Province/Territory | <input type="text" value="Ontario"/> |
| Postal Code | <input type="text" value="M8Z5E3"/> |
| Additional Information | <input type="text"/> |
| Land Survey Description | <input type="text"/> |
| National Topographical Description | <input type="text"/> |

Geographical Address

| | |
|-------------|---------------------------------------|
| Latitude ** | <input type="text" value="43.61280"/> |
|-------------|---------------------------------------|

| | |
|-----------------|--|
| Longitude ** | <input type="text" value="-79.52360"/> |
| UTM Zone ** | <input type="text" value="17"/> |
| UTM Easting ** | <input type="text" value="619117"/> |
| UTM Northing ** | <input type="text" value="4830040"/> |

Contact Validation

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Contacts

Public Contact

| | |
|---------------|---|
| First Name: * | <input type="text" value="Colin"/> |
| Last Name: * | <input type="text" value="Brighton"/> |
| Position: * | <input type="text" value="President"/> |
| Telephone: * | <input type="text" value="4162554411"/> |
| Ext | <input type="text"/> |
| Fax | <input type="text"/> |
| Email: * | <input type="text" value="brimac@brimacanodizing.com"/> |

Mailing Address

| | |
|--------------------|---|
| Delivery Mode | <input type="text" value="General Delivery"/> |
| PO Box | <input type="text"/> |
| Rural Route Number | <input type="text"/> |
| Address Line 1 | <input type="text" value="542 Kipling Avenue"/> |
| City * | <input type="text" value="Toronto"/> |

Province/Territory **

Ontario

Postal Code: **

M8Z5E3

Highest Ranking Employee

First Name: *

Colin

Last Name: *

Brighton

Position: *

President

Telephone: *

4162554411

Ext

Fax

Email: *

brimac@brimacanodizing.com

Mailing Address

Delivery Mode

General Delivery

PO Box

Rural Route Number

Address Line 1

542 Kipling Avenue

City *

Toronto

Province/Territory **

Ontario

Postal Code: **

M8Z5E3

Person responsible for the Toxic Substance Reduction Plan preparation

First Name: *

Wendy

Last Name: *

Nadan

Position: *

Principal

Telephone: *

5199404724

Ext

Fax

Email: *

Mailing Address

Delivery Mode

PO Box

Rural Route Number

Address Line 1

City *

Province/Territory **

Postal Code: **

Employees

Employees

Number of Full-time Employees: *

Substances

7697-37-2, Nitric acid

7697-37-2, Nitric acid

Substances Section Data

Statement of Intent

Are the following included in the Facility's TRA Plan?

Use

Is there a statement that the owner or operator of the facility intends to reduce the use of the toxic substance at the facility?: *

If 'yes', exact statement of the intent that is included in the facility's TRA Plan to reduce the use of the toxic substance at the facility: **

Brimac anodizing is committed to continuing to reduce the environmental impact of its manufacturing operations. Management will continue to explore options to reduce the usage of toxic substances while providing innovative solutions to our customers.

If 'no', reason in the facility's TRA Plan for no intent to reduce the use of the toxic substance at the facility: **

Creation

Is there a statement that the owner or operator of the facility intends to reduce the creation of the toxic substance at the facility?: *

If 'yes', exact statement of the intent that is included in the facility's TRA Plan to reduce the creation of the toxic substance at the facility: **

If 'no', reason in the facility's TRA Plan for no intent to reduce the creation of the toxic substance at the facility: **

Objectives, Targets and Description

Objectives

Objectives in plan: *

Brimac anodizing is committed to continuing to reduce the environmental impact of its manufacturing operations. Management will continue to explore options to reduce the usage of toxic substances while providing innovative solutions to our customers.

Use Targets

What is the targeted reduction in use of the toxic substance at the facility? *

No quantity target

Quantity

Unit

or

What is the targeted timeframe for this reduction? *

No timeline target

years

or

Description of targets

Brimac anodizing is committed to continuing to reduce the environmental impact of its manufacturing operations. Management will continue to explore options to reduce the usage of toxic substances while providing innovative solutions to our customers.

Creation Targets

What is the targeted reduction in creation of the toxic substance at the facility? *

No quantity target

Quantity

Unit



or

What is the targeted timeframe for this reduction? *

No timeline target

years



or

Description of Target

Reasons for Use

Why is the toxic substance used at the facility?: *

As a physical or chemical processing aid

Summarize why the toxic substance is used at the facility: **

Nitric acid in the brightening solution is used to chemically polish the aluminum alloys.

Reasons for Creation

Why is the toxic substance created at the facility?: *

This substance is not created at the facility

Summarize why the toxic substance is created at the facility: **

Toxic Reduction Options for Implementation

Description of the toxic reduction option(s) to be implemented

Is there a statement that no option will be implemented?: *

Yes, we are not implementing

If you answered "No" to this question, please add the option(s) under the appropriate Toxic Substance Reduction Categories (e.g. Materials or feedstock substitution, Product design or reformulation, etc.). If you answered "Yes" please provide an explanation below why your facility is not implementing an option. Explanation of the reasons why no option will be implemented: **

As there are no technically or economically feasible options identified in the plan, there is no objective to reduce the usage of nitric acid.

Materials or feedstock substitution

Empty

Product design or reformulation

Empty

Equipment or process modifications

Empty

Spill or leak prevention

Empty

On-site reuse, recycling or recovery

Empty

Improved inventory management or purchasing techniques

Empty

Good operator practice or training

Empty

Rationale for why the listed options were chosen for implementation

General description of any actions undertaken by the owner and operator of the facility to reduce the use and creation of the toxic substance at the facility that are outside of the plan

License Number of the toxic substance reduction planner who made recommendations in the toxic substance reduction plan for this substance (format TSRPXXXX): *

License Number of the toxic substance reduction planner who has certified the toxic substance reduction plan for this substance (format TSRPXXXX): *

What version of the plan is this summary based on?: *

NA - 17, Nitrate ion in solution at pH \geq 6.0

NA - 17, Nitrate ion in solution at pH \geq 6.0

Substances Section Data

Statement of Intent

Are the following included in the Facility's TRA Plan?

Use

Is there a statement that the owner or operator of the facility intends to reduce the use of the toxic substance at the facility?: *

No

If 'yes', exact statement of the intent that is included in the facility's TRA Plan to reduce the use of the toxic substance at the facility: **

If 'no', reason in the facility's TRA Plan for no intent to reduce the use of the toxic substance at the facility: **

nitrates are not used in the facility

Creation

Is there a statement that the owner or operator of the facility intends to reduce the creation of the toxic substance at the facility?: *

Yes

If 'yes', exact statement of the intent that is included in the facility's TRA Plan to reduce the creation of the toxic substance at the facility: **

Brimac anodizing is committed to continuing to reduce the environmental impact of its manufacturing operations. Management will continue to explore options to reduce the usage and creation of toxic substances while providing innovative solutions to our customers.

If 'no', reason in the facility's TRA Plan for no intent to reduce the creation of the toxic substance at the facility: **

Objectives, Targets and Description

Objectives

Objectives in plan: *

none

Use Targets

What is the targeted reduction in use of the toxic substance at the facility? *

No quantity target

Quantity

Unit

or

What is the targeted timeframe for this reduction? *

No timeline target

years

or

Description of targets

Creation Targets

What is the targeted reduction in creation of the toxic substance at the facility? *

No quantity target

Quantity

Unit

or

What is the targeted timeframe for this reduction? *

No timeline target

years

or

Description of Target

Reasons for Use

Why is the toxic substance used at the facility?: *

Summarize why the toxic substance is used at the facility: **

Reasons for Creation

Why is the toxic substance created at the facility?: *

As a by-product

Summarize why the toxic substance is created at the facility: **

nitrates are created by neutralization of nitric acid

Toxic Reduction Options for Implementation

Description of the toxic reduction option(s) to be implemented

Is there a statement that no option will be implemented?: *

Yes, we are not implementing

If you answered "No" to this question, please add the option(s) under the appropriate Toxic Substance Reduction Categories (e.g. Materials or feedstock substitution, Product design or reformulation, etc.). If you answered "Yes" please provide an explanation below why your facility is not implementing an option.
Explanation of the reasons why no option will be implemented: **

As there are no technically or economically feasible options identified in the plan, there is no objective to reduce the creation of nitrates at pH>6.0.

Materials or feedstock substitution

Empty

Product design or reformulation

Empty

Equipment or process modifications

Empty

Spill or leak prevention

Empty

On-site reuse, recycling or recovery

Empty

Improved inventory management or purchasing techniques

Empty

Good operator practice or training

Empty

Rationale for why the listed options were chosen for implementation

General description of any actions undertaken by the owner and operator of the facility to reduce the use and creation of the toxic substance at the facility that are outside of the plan

License Number of the toxic substance reduction planner who made recommendations in the toxic substance reduction plan for this substance (format TSRPXXXX): *

License Number of the toxic substance reduction planner who has certified the toxic substance reduction plan for this substance (format TSRPXXXX): *

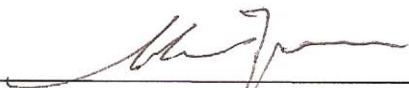
What version of the plan is this summary based on?: *

8.0 Planner Recommendations

As the planner has worked with the facility throughout the development of the plan, information provided by the facility has been clarified and revised based on the options identified. Hence there are no recommendations to improve the plan.

9.0 Certification

As of December 12, 2014, I, Colin Brighton, certify that I have read the toxic substance reduction plan for nitric acid and nitrates at pH>6.0 and am familiar with its contents, and to my knowledge the plan is factually accurate and complies with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.



Colin Brighton, President

NOVEMBER 25 / 2014

Date

As of December 3, 2014, I, Wendy Nadan certify that I am familiar with the processes at Brimac Anodizing that use nitric acid and create nitrates at pH>6.0, that I agree with the estimates referred to in subparagraphs 7 iii, iv and v of subsection 4 (1) of the Toxics Reduction Act, 2009 that are set out in the plan dated November 30, 2012 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.



Wendy Nadan, Toxic Substance Reduction Planner

December 6, 2014

Date