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Single Window (/)

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* indicates a required field, ** indicates a conditionally required field

Plan Summary Preview

Company Details

Company Legal Name

Vacuum Metallizing Ltd.

Company Address

30 Dovedale Court, Toronto (Ontario)

Report Details

NPRI ID

7102

Facility Name

VACUUM METALLIZING LIMITED

Facility Address

30 Dovedale Court, Scarborough (Ontario)

Update Comments

Add a new substance

Activities

Contacts

Select the Facility Contacts

Facility Contacts

Please assign the appropriate contact under each category below.

Public Contact: *

Jeffrey Sugar

Highest Ranking Employee

Jeffrey Sugar

Person responsible for Toxic Substance Reduction Plan preparation

Jeffrey Sugar

Organization Validation

Company and Parent Company Information

Company Details

Company Legal Name: *

Vacuum Metallizing Ltd.

Company Trade Name: *

Vacuum Metallizing Ltd.

Business Number: *

105468771

Mailing Address

Delivery Mode

PO Box

Rural Route Number

Address Line 1

30 Dovedale Court

City *

Toronto

Province/Territory **

Ontario

Postal Code: **

M5M4G2

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: *

VACUUM METALLIZING LIMITED

NAICS Code: *

332810

NPRI Id: *

0000007102

ON Reg 127/01 Id

179901

Facility Mailing Address

Delivery Mode

PO Box

Rural Route Number

Address Line 1

30 Dovedale Court

City *

Toronto

Province/Territory **

Ontario

Postal Code: **

M1S 5A7

Physical Address

Address Line 1

30 Dovedale Court

City

Scarborough

Province/Territory **

Ontario

Postal Code **

M1S5A7

Additional Information

Land Survey Description

National Topographical Description

Geographical Address

Latitude **

43.79580

Longitude **

UTM Zone **

UTM Easting **

UTM Northing **

Contact 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.

Contacts

Public Contact

First Name: *

Last Name: *

Position: *

Telephone: *

Ext

Fax

Email: *

Mailing Address

Delivery Mode

PO Box

Rural Route Number

Address Line 1

City *

Province/Territory **

Postal Code: **

M1S5A7

Highest Ranking Employee

First Name: *

Jeffrey

Last Name: *

Sugar

Position: *

President

Telephone: *

4167543377

Ext

115

Fax

4167548077

Email: *

jsugar@vacuummetallizing.ca

Mailing Address

Delivery Mode

PO Box

Rural Route Number

Address Line 1

30 Dovedale Court

City *

Scarborough

Province/Territory **

Ontario

Postal Code: **

M1S5A7

Person responsible for the Toxic Substance Reduction Plan preparation

First Name: *

Jeffrey

Last Name: *

Sugar

Position: *

President

Telephone: *

4167543377

Ext

115

Fax

4167548077

Email: *

jsugar@vacuummetallizing.ca

Mailing Address

Delivery Mode

PO Box

Rural Route Number

Address Line 1

30 Dovedale Court

City *

Scarborough

Province/Territory **

Ontario

Postal Code: **

M1S5A7

Employees**Employees**

Number of Full-time Employees: *

24

Copy of Certifications of Plan

Copy of Certifications of Plan

Upload Document

A copy of the certification statement(s) from the Highest Ranking Employee and the Licensed Planner(s), for the Toxic Substance Reduction Plan for which the Plan Summary is being submitted are required. Please upload a single document containing all certifications.

Do not upload any certification statements that are dated after December 31. If this applies, click "?" (Help) for more information.

Comments

Website address where the Plan Summary is posted for the public

File Name *

Date *

Substances**108-10-1, Methyl isobutyl ketone**

108-10-1, Methyl isobutyl ketone

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?: *

Yes

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: **

It is the intention of Vacuum Metallizing Limited to reduce the amount of toxic substances that it uses in its coatings and elsewhere in its manufacturing operation and specifically, those toxic substances that are the subject of this Master Document and associated TSRP's (i.e. TSRP's for xylene (cas 30-20-7), methyl ethyl ketone (CAS 78-93-3), methyl isobutyl ketone (CAS 108-10-1, hydrotreated heavy naptha (CAS 64742-48-9) and solvent naptha light aliphatic (CAS 64742-89-8).

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?: *

No

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: **

Substance is not created at the facility

Objectives, Targets and Description

Objectives

Objectives in plan: *

Reduce the use of MIBK.

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

No quantitative target or timetable is specified for reducing MIBK.

Creation Targets

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

Quantity Unit	No quantity target
	<input checked="" type="checkbox"/>
or	
<input type="text"/>	
<input type="text"/>	

What is the targeted timeframe for this reduction? *

years	No timeline target
	<input checked="" type="checkbox"/>
or	
<input type="text"/>	
Description of Target	
<input type="text" value="MIBK is not created at the facility."/>	

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?: *

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?: *

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: **

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): *

TSRP0253

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

TSRP0252

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

New Plan

64742-48-9, Hydrotreated heavy naphtha

64742-48-9, Hydrotreated heavy naphtha

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?: *

Yes

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: **

It is the intention of Vacuum Metallizing Limited to reduce the amount of toxic substances that it uses in its coatings and elsewhere in its manufacturing operation and specifically, those toxic substances that are the subject of this Master Document and associated TSRP's (i.e. TSRP's for xylene (cas 30-20-7), methyl ethyl ketone (CAS 78-93-3), methyl isobutyl ketone (CAS 108-10-1, hydrotreated heavy naphtha (CAS 64742-48-9) and solvent naphtha light aliphatic (CAS 64742-89-8).

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?: *

No

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: **

This substance is not created at the facility

Objectives, Targets and Description

Objectives

Objectives in plan: *

Reduce the use of toxic substances

Use Targets

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

Quantity Unit **No quantity target**

or

156

kg

What is the targeted timeframe for this reduction? *

years **No timeline target**

or

0.4

Description of targets

Recycle and reuse mineral spirits used to wash out spray guns and paint lines. This target is for reduction of all mineral spirits used for this purpose. In 2012, company purchased only 1 drum of this substance.

Creation Targets

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

Quantity Unit **No quantity target**

or

What is the targeted timeframe for this reduction? *

years **No timeline target**

or

Description of Target

Substance not created at the facility

Reasons for Use

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

As a formulation component

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

Substance is used as a thinner in paint formulations and also used to wash out paint lines and paint guns after use.

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?: *

No, we are 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: **

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

Instituted recirculation within a process

Which activities will be undertaken to implement these reduction options?

Which activities will be undertaken to implement these reduction options?: *

Instituted recirculation within a process

Describe the option: *

Mineral spirits used to rinse out paint lines and guns will be reused as thinner in paint formulations and reduced with fresh mineral spirits and reused for paint line and gun rinsing

Estimates

N/A

tonnes
%

Estimate of the amount by which the **use** of the toxic substance at the facility will be reduced as a result of implementing the option:

0.2

3.8

Estimate of the amount by which the **creation** of the toxic substance at the facility will be reduced as a result of implementing the option:



Estimate of the amount by which the toxic substance **contained in the product** leaving the facility will be reduced as a result of implementing the option:



Estimate of the amount by which the total **releases to air** of the toxic substance at the facility will be reduced as a result of implementing the option:



0.2

3.8

Estimate of the amount by which the total **releases to water** of the toxic substance at the facility will be reduced as a result of implementing the option:



Estimate of the amount by which the total **releases to land** of the toxic substance at the facility will be reduced as a result of implementing the option:



Estimate of the amount by which the **disposals on-site** (including tailing and waste rock) of the toxic substance at the facility will be reduced as a result on implementing this option:



Estimate of the amount by which the **disposals off-site** of the toxic substance at the facility will be reduced as a result on implementing this option:



Estimate of the amount by which total **recycling off-site** of the toxic substance at the facility will be reduced as a result on implementing this option:



Timelines

N/A

years

Anticipated timelines for achieving the estimated reduction of the **use** of the toxic substance:



0.4

Anticipated timelines for achieving the estimated reduction of the **creation** of the toxic substance:



Improved inventory management or purchasing techniques

Empty

Good operator practice or training

Empty

Rationale for why the listed options were chosen for implementation

Options determined to be technically and economically feasible

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

Investigate using different solvent for rinsing

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

TSRP0253

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

TSRP0252

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

New Plan

64742-89-8, Solvent naphtha light aliphatic

64742-89-8, Solvent naphtha light aliphatic

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?: *

Yes

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: **

It is the intention of Vacuum Metallizing Limited to reduce the amount of toxic substances that it uses in its coatings and elsewhere in its manufacturing operation and specifically, those toxic substances that are the subject of this Master Document and associated TSRP's (i.e. TSRP's for xylene (cas 30-20-7), methyl ethyl ketone (CAS 78-93-3), methyl isobutyl ketone (CAS 108-10-1, hydrotreated heavy naphtha (CAS 64742-48-9) and solvent naphtha light aliphatic (CAS 64742-89-8).

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?: *

No

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: **

Substance not created at the facility

Objectives, Targets and Description

Objectives

Objectives in plan: *

Reduce the use of mineral spirits

Use Targets

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

No quantity target

Quantity Unit

or

990

kg

What is the targeted timeframe for this reduction? *

No timeline target

years

or

0.4

Description of targets

Reduction in the amount of mineral spirits used to rinse out paint guns and paint lines by reusing rinse for the same purpose or using rinse as a formulation ingredient in paints. Target amount also includes mineral spirits CAS 8052-41-3 which was used for this same purpose and is interchangeable with the subject toxic substance.

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 formulation component

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

Substance is used at the facility as an ingredient in paint formulations but also used to rinse out pain guns and lines.

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?: *

No, we are 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: **

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

Instituted recirculation within a process

Which activities will be undertaken to implement these reduction options?

Which activities will be undertaken to implement these reduction options?: *

Instituted recirculation within a process

Describe the option: *

Mineral spirits used to rinse paint lines and guns will be captured and reused as an ingredirt in paint formulations and added to fresh rinse solvent.

Estimates

N/A

tonnes
%

Estimate of the amount by which the **use** of the toxic substance at the facility will be reduced as a result of implementing the option:

0.99

35.7

Estimate of the amount by which the **creation** of the toxic substance at the facility will be reduced as a result of implementing the option:

Estimate of the amount by which the toxic substance **contained in the product** leaving the facility will be reduced as a result of implementing the option:



Estimate of the amount by which the total **releases to air** of the toxic substance at the facility will be reduced as a result of implementing the option:



Estimate of the amount by which the total **releases to water** of the toxic substance at the facility will be reduced as a result of implementing the option:



Estimate of the amount by which the total **releases to land** of the toxic substance at the facility will be reduced as a result of implementing the option:



Estimate of the amount by which the **disposals on-site** (including tailing and waste rock) of the toxic substance at the facility will be reduced as a result on implementing this option:



Estimate of the amount by which the **disposals off-site** of the toxic substance at the facility will be reduced as a result on implementing this option:



Estimate of the amount by which total **recycling off-site** of the toxic substance at the facility will be reduced as a result on implementing this option:



Timelines

years

N/A

Anticipated timelines for achieving the estimated reduction of the **use** of the toxic substance:



Anticipated timelines for achieving the estimated reduction of the **creation** of the toxic substance:



Improved inventory management or purchasing techniques

Empty

Good operator practice or training

Empty

Rationale for why the listed options were chosen for implementation

Only option found to be technically and economically feasible

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): *

TSRP0253

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

TSRP0252

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

New Plan

78-93-3, Methyl ethyl ketone

78-93-3, Methyl ethyl ketone

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?: *

Yes

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: **

It is the intention of Vacuum Metallizing Limited to reduce the amount of toxic substances that it uses in its coatings and elsewhere in its manufacturing operation and specifically, those toxic substances that are the subject of this Master Document and associated TSRP's (i.e. TSRP's for xylene (cas 30-20-7), methyl ethyl ketone (CAS 78-93-3), methyl isobutyl ketone (CAS 108-10-1, hydrotreated heavy naptha (CAS 64742-48-9) and solvent naptha light aliphatic (CAS 64742-89-8).

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?: *

No

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: **

Facility does not create any subject toxic substance

Objectives, Targets and Description

Objectives

Objectives in plan: *

Plan provides only a general intent to reduce the use of toxic substances but does not quantify the amount of reductions or provide a timetable for said reductions.

Use Targets

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

No quantity target

Quantity Unit



or

Two empty input fields for quantity and unit.

What is the targeted timeframe for this reduction? *

No timeline target

years



or

One empty input field for years.

Description of targets

One empty input field for 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

Two empty input fields for quantity and unit.

What is the targeted timeframe for this reduction? *

No timeline target

years



or

One empty input field for years.

Description of Target

Input field containing the text: "Toxic substance is not created by the facility"

Reasons for Use

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

Input field containing the text: "As a formulation component"

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

Input field containing the text: "Used to thin paints that are used to produce reflective and painted films that are applied onto customer-supplied components."

Reasons for Creation

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

Input field containing the text: "This substance is not created at the facility"

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

One empty input field for summarizing reasons for creation.

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: **

No option for this substance was found to be both technically and economically feasible,

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

None

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

TSRP0253

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

TSRP0252

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

New Plan

8032-32-4, VM & P naphtha

8032-32-4, VM & P naphtha

Substances Section Data

Statement of Intent

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