

Plan Summary Preview

Company Details

Company Legal Name

Krug Furniture Inc.

Company Address

421 Manitou Drive, Kitchener (Ontario)

Report Details

NPRI ID

5881

Facility Name

MANITOU CASEGOODS

Facility Address

421 Manitou Drive, Kitchener (Ontario)

Update Comments

In 2012, we reported some substances in error (i.e. they were not over the threshold).

Activities

Contacts

Select the Facility Contacts

Facility Contacts

Please assign the appropriate contact under each category below.

Public Contact: *

Leslie Creek

Highest Ranking Employee

Rob Hawes

Person responsible for Toxic Substance Reduction Plan preparation

Alicia Wind

Organization Validation

Company and Parent Company Information

Company Details

Company Legal Name: *

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: *	MANITOU CASEGOODS
NAICS Code: *	337213
NPRI Id: *	0000005881
ON Reg 127/01 Id	5777

Facility Mailing Address

Delivery Mode	
PO Box	
Rural Route Number	
Address Line 1	421 Manitou Drive
City *	Kitchener
Province/Territory **	Ontario
Postal Code: **	N2C1L5

Physical Address

Address Line 1	421 Manitou Drive
City	Kitchener
Province/Territory **	Ontario
Postal Code **	N2C1L5
Additional Information	

Land Survey Description

National Topographical Description

Geographical Address

Latitude **

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: **

Highest Ranking Employee

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: **

Person responsible for the Toxic Substance Reduction Plan preparation

First Name: *	<input type="text" value="Alicia"/>
Last Name: *	<input type="text" value="Wind"/>
Position: *	<input type="text" value="Resource Conservation Specialist"/>
Telephone: *	<input type="text" value="5195785100"/>
Ext	<input type="text" value="252"/>
Fax	<input type="text" value="5196695002"/>
Email: *	<input type="text" value="awind@enviro-stewards.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="1 Union Street"/>
City *	<input type="text" value="Elmira"/>
Province/Territory **	<input type="text" value="Ontario"/>
Postal Code: **	<input type="text" value="N3B3J9"/>

Employees

Employees

Number of Full-time Employees: *

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

Plan Summary Submission

Electronic Submission

Company Name

Krug Furniture Inc.

Facility Name

MANITOU CASEGOODS

Report Submitted By (authorized delegate)

Rob Hawes

I, the authorized delegate, acknowledge that by pressing the "Continue" button, I am electronically submitting the facility TRA Plan Summary for the identified facility.

Substances

111-76-2, 2-Butoxyethanol

111-76-2, 2-Butoxyethanol

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: **

Krug intends to reduce the use of this substance in their casegoods facility.

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: *

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?: *

As a manufacturing aid

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

It is a component of various paint products used to enhance the aesthetics of the furniture and provide some protection from wear and tear.

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

Empty

Improved inventory management or purchasing techniques

Other

Which activities will be undertaken to implement these reduction options?

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

Describe the option: *

Estimates

N/A	tonnes	%
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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:

<input type="checkbox"/>	<input type="text" value="0.03"/>	<input type="text" value="2"/>
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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:

<input checked="" type="checkbox"/>	<input type="text"/>	<input type="text"/>
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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:

<input checked="" type="checkbox"/>	<input type="text"/>	<input type="text"/>
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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

N/A **years**

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:

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?: *

123-86-4, n-Butyl acetate

123-86-4, n-Butyl acetate

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: **

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: **

This substance is not created at the facility.

Objectives, Targets and Description

Objectives

Objectives in plan: *

The objective is to reduce the use of this substance through equipment modification and improved inventory management or purchasing techniques.

Use Targets

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

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

What is the targeted timeframe for this reduction? *

No timeline target	years
<input checked="" type="checkbox"/>	or <input type="text"/>

Description of targets

Creation Targets

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

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

What is the targeted timeframe for this reduction? *

No timeline target	years
<input checked="" type="checkbox"/>	or <input type="text"/>

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?: *

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

Other

Which activities will be undertaken to implement these reduction options?

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

Describe the option: *

Install more efficient paint line and gun cleaner.

Estimates

N/A	tonnes	%
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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:

<input type="checkbox"/>	0.10	2
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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:

<input checked="" type="checkbox"/>		
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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:

<input checked="" type="checkbox"/>		
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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:

<input type="checkbox"/>	0.07	1.2
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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:

<input checked="" type="checkbox"/>		
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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:

<input checked="" type="checkbox"/>		
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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:

<input checked="" type="checkbox"/>		
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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:

<input checked="" type="checkbox"/>		
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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:

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

Spill or leak prevention

Empty

On-site reuse, recycling or recovery

Empty

Improved inventory management or purchasing techniques

Other

Which activities will be undertaken to implement these reduction options?

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

Describe the option: *

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:

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

N/A **years**

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:

Other

Which activities will be undertaken to implement these reduction options?

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

Other

Describe the option: *

Purchase pre-catalyzed versus post-catalyzed materials.

Estimates

N/A	tonnes	%
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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:

<input type="checkbox"/>	0.92	16
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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:

<input checked="" type="checkbox"/>		
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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:

<input checked="" type="checkbox"/>		
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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:

<input type="checkbox"/>	0.68	12
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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:

<input checked="" type="checkbox"/>		
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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:

<input checked="" type="checkbox"/>		
-------------------------------------	--	--

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:

<input checked="" type="checkbox"/>		
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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:

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

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?: *

141-78-6, Ethyl acetate

141-78-6, Ethyl acetate

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: **

Krug intends to reduce the use of this substance in their casegoods facility.

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: *

The objective is to reduce the use of this substance through equipment modification and improved inventory management or purchasing techniques.

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?: *

As a manufacturing aid

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

It is a component of various paint products used to enhance the aesthetics of the furniture and provide some protection from wear and tear.

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

Other

Which activities will be undertaken to implement these reduction options?

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

Other

Describe the option: *

Install more efficient paint line and gun cleaner.

Estimates

N/A	tonnes	%
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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:

<input type="checkbox"/>	0.19	4
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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

N/A **years**

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:

Spill or leak prevention

Empty

On-site reuse, recycling or recovery

Empty

Improved inventory management or purchasing techniques

Other

Which activities will be undertaken to implement these reduction options?

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

Other

Describe the option: *

Mix only the quantity of catalyzed materials needed.

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:

<input type="checkbox"/>	<input type="text" value="0.13"/>	<input type="text" value="3"/>
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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:

<input checked="" type="checkbox"/>	<input type="text"/>	<input type="text"/>
-------------------------------------	----------------------	----------------------

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:

<input checked="" type="checkbox"/>	<input type="text"/>	<input type="text"/>
-------------------------------------	----------------------	----------------------

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:

<input type="checkbox"/>	<input type="text" value="0.09"/>	<input type="text" value="2"/>
--------------------------	-----------------------------------	--------------------------------

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:

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

Other

Which activities will be undertaken to implement these reduction options?

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

Describe the option: *

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:

<input type="checkbox"/>	0.01	0.2
--------------------------	------	-----

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:

<input checked="" type="checkbox"/>		
-------------------------------------	--	--

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:

<input checked="" type="checkbox"/>		
-------------------------------------	--	--

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:

<input type="checkbox"/>	0.01	0.1
--------------------------	------	-----

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:

<input checked="" type="checkbox"/>		
-------------------------------------	--	--

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:

<input checked="" type="checkbox"/>		
-------------------------------------	--	--

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:

<input checked="" type="checkbox"/>		
-------------------------------------	--	--

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:

<input checked="" type="checkbox"/>		
-------------------------------------	--	--

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:

<input type="checkbox"/>	0.00	0.1
--------------------------	------	-----

Timelines

N/A **years**

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

2

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

Good operator practice or training

Empty

Rationale for why the listed options were chosen for implementation

These were the only options that were considered to be both 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): *

TRSP0211

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

TRSP0211

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

New Plan

64-17-5, Ethyl Alcohol

64-17-5, Ethyl Alcohol

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: **

Krug intends to reduce the use of this substance in their casegoods facility.

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: *

The objective is to reduce the use of this substance through equipment modification and improved inventory management or purchasing techniques.

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?: *

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

Other

Which activities will be undertaken to implement these reduction options?

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

Describe the option: *

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:

<input type="checkbox"/>	<input type="text" value="0.14"/>	<input type="text" value="1"/>
--------------------------	-----------------------------------	--------------------------------

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:

<input checked="" type="checkbox"/>	<input type="text"/>	<input type="text"/>
-------------------------------------	----------------------	----------------------

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:

<input checked="" type="checkbox"/>	<input type="text"/>	<input type="text"/>
-------------------------------------	----------------------	----------------------

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:

<input type="checkbox"/>	<input type="text" value="0.11"/>	<input type="text" value="0.8"/>
--------------------------	-----------------------------------	----------------------------------

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:

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

Spill or leak prevention

Empty

On-site reuse, recycling or recovery

Empty

Improved inventory management or purchasing techniques

Other

Which activities will be undertaken to implement these reduction options?

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

Other

Describe the option: *

Mix only the quantity of catalyzed materials needed.

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:

<input type="checkbox"/>	0.26	2
--------------------------	------	---

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:

<input checked="" type="checkbox"/>		
-------------------------------------	--	--

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:

<input checked="" type="checkbox"/>		
-------------------------------------	--	--

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:

<input type="checkbox"/>	0.07	1.4
--------------------------	------	-----

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:

<input checked="" type="checkbox"/>		
-------------------------------------	--	--

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:

<input checked="" type="checkbox"/>		
-------------------------------------	--	--

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:

<input checked="" type="checkbox"/>		
-------------------------------------	--	--

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:

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

Other

Which activities will be undertaken to implement these reduction options?

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

Describe the option: *

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:

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

N/A **years**

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:

Good operator practice or training

Empty

Rationale for why the listed options were chosen for implementation

These were the only options that were considered to be both 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): *

TRSP0211

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

TRSP0211

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: **

Krug intends to reduce the use of this substance in their casegoods facility.

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: *

The objective is to reduce the use of this substance through equipment modification and improved inventory management or purchasing techniques.

Use Targets

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

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

What is the targeted timeframe for this reduction? *

No timeline target	years
<input checked="" type="checkbox"/>	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
<input checked="" type="checkbox"/>	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 manufacturing aid

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

It is a component of various paint products used to enhance the aesthetics of the furniture and provide some protection from wear and tear.

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

Other

Which activities will be undertaken to implement these reduction options?

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

Other

Describe the option: *

Install more efficient paint line and gun cleaner.

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:

<input type="checkbox"/>	0.14	6
--------------------------	------	---

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:

<input checked="" type="checkbox"/>		
-------------------------------------	--	--

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:

<input checked="" type="checkbox"/>		
-------------------------------------	--	--

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:

<input type="checkbox"/>	0.09	4
--------------------------	------	---

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:

<input checked="" type="checkbox"/>		
-------------------------------------	--	--

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:

<input checked="" type="checkbox"/>		
-------------------------------------	--	--

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:

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

Spill or leak prevention

Empty

On-site reuse, recycling or recovery

Empty

Improved inventory management or purchasing techniques

Other

Which activities will be undertaken to implement these reduction options?

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

Describe the option: *

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:

0.01 0.4

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:

0.01 0.3

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:

0.00 0.1

Timelines

N/A years

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:

Other

Which activities will be undertaken to implement these reduction options?

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

Describe the option: *

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:

<input type="checkbox"/>	<input type="text" value="0.44"/>	<input type="text" value="20"/>
--------------------------	-----------------------------------	---------------------------------

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:

<input checked="" type="checkbox"/>	<input type="text"/>	<input type="text"/>
-------------------------------------	----------------------	----------------------

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:

<input checked="" type="checkbox"/>	<input type="text"/>	<input type="text"/>
-------------------------------------	----------------------	----------------------

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:

<input type="checkbox"/>	<input type="text" value="0.29"/>	<input type="text" value="13"/>
--------------------------	-----------------------------------	---------------------------------

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:

<input checked="" type="checkbox"/>	<input type="text"/>	<input type="text"/>
-------------------------------------	----------------------	----------------------

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:

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

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): *

TRSP0211

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

New Plan

67-63-0, Isopropyl alcohol

67-63-0, Isopropyl alcohol

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: **

Krug intends to reduce the use of this substance in their casegoods facility.

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: *

The objective is to reduce the use of this substance through equipment modification and improved inventory management or purchasing techniques.

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?: *

As a manufacturing aid

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

It is a component of various paint products used to enhance the aesthetics of the furniture and provide some protection from wear and tear.

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

Other

Which activities will be undertaken to implement these reduction options?

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

Other

Describe the option: *

Install more efficient paint line and gun cleaner.

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:

0.06 3

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:

0.04 2

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:

0.02 1

Timelines

N/A years

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:

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?: *

67-64-1, Acetone

67-64-1, Acetone

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: **

Krug intends to reduce the use of acetone in their casegoods facility.

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: *

The objective is to reduce the use of this substance through equipment modification and improved inventory management or purchasing techniques.

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?: *

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

Other

Which activities will be undertaken to implement these reduction options?

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

Other

Describe the option: *

Install more efficient paint line and gun cleaner.

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:

<input type="checkbox"/>	0.10	2
--------------------------	------	---

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:

<input checked="" type="checkbox"/>		
-------------------------------------	--	--

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:

<input checked="" type="checkbox"/>		
-------------------------------------	--	--

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

N/A **years**

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:

Spill or leak prevention

Empty

On-site reuse, recycling or recovery

Empty

Improved inventory management or purchasing techniques

Other

Which activities will be undertaken to implement these reduction options?

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

Other

Describe the option: *

Mix only the quantity of catalyzed materials needed.

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:

<input type="checkbox"/>	0.06	1.1
--------------------------	------	-----

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:

<input checked="" type="checkbox"/>		
-------------------------------------	--	--

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:

<input checked="" type="checkbox"/>		
-------------------------------------	--	--

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:

<input type="checkbox"/>	0.05	0.8
--------------------------	------	-----

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:

<input checked="" type="checkbox"/>		
-------------------------------------	--	--

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:

<input checked="" type="checkbox"/>		
-------------------------------------	--	--

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:

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

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?: *

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: **

Krug intends to reduce the use of this substance in their casegoods facility.

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: *

The objective is to reduce the use of this substance through equipment modification and improved inventory management or purchasing techniques.

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: **

It is a component of various paint products used to enhance the aesthetics of the furniture and provide some protection from wear and tear.

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

Other

Which activities will be undertaken to implement these reduction options?

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

Other

Describe the option: *

Install more efficient paint line and gun cleaner.

Estimates

N/A	tonnes	%
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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:

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

N/A years

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

3

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

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

This was the only option considered to be both 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): *

TRSP0211

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

TRSP0211

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

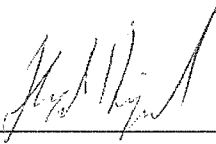
New Plan

CERTIFICATIONS

Toxics Reduction Planner Certification As of December 20, 2013,

I, Lloyd Hipel, certify that I am familiar with the processes at Krug Furniture (Casegoods) that use or create the toxic substances referred to below, 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 December 2013 and that the plan complies with that act and Ontario Regulation 455/09 (General) made under that Act.

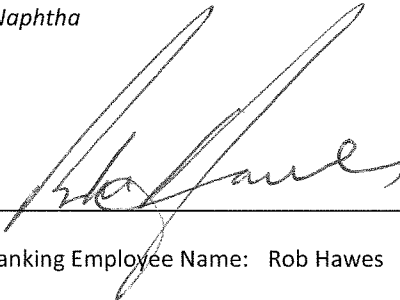
- Acetone, Butyl alcohol, Ethyl alcohol, Ethyl acetate, Ethylene glycol monobutyl ether, Isopropyl alcohol, Methyl ethyl ketone, Naphtha

X 

Planner Name: Lloyd Hipel
License No.: TSRP0211

Highest Ranking Employee Certification As of December 20, 2013, I, Rob Hawes, 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.

- Acetone, Butyl alcohol, Ethyl alcohol, Ethyl acetate, Ethylene glycol monobutyl ether, Isopropyl alcohol, Methyl ethyl ketone, Naphtha

X 

Highest Ranking Employee Name: Rob Hawes