



National Pollutant Release Inventory (NPRI) and

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Report Preview

Report Details

Report Year

2015

Report Type:

NPRI,ON MOE TRA,ON MOE

Report Status:

Update 1 - Submitted

Modified Date/Time:

07/12/2016 2:10 PM

Report Update Comments:

An update is being completed to include exit records from TRA for both Isopropanol and Isobutanol.

Company and Facility Details

Company Name:

Wikoff Color Corp. Canada

Business Number:

831350673

Mailing Address:

Delivery Mode: GeneralDelivery
Address Line 1: 475 Bowes Road
City, Province/Territory, Postal Code: Concord Ontario L4K1J5
Country: Canada

Facility Name:

WIKOFF COLOR CORPORATION - CANADA INC.

NAICS Code:

325510

NPRI ID:

2536

ON Reg 127/01 ID:

8135

Physical Address:

Address Line 1: 475 Bowes Road
City, Province/Territory, Postal Code: Vaughan Ontario L4K1J5
Country: Canada
Latitude: 43.81500
Longitude: -79.49520
UTM Zone: 17
UTM Easting: 621021
UTM Northing: 4852426

Parent Companies

Company Name:

Wikoff Color Corporation

Mailing Address:

Address Line 1: 1886 Merrit
City, Province/Territory, Postal Code: Fort Mill SouthCarolina 29715
Country: UnitedStates

Permits

Number or Permit Number:

9433-7F2KV9

Government Department, Agency, or Program Name:

ON MOE

Contacts Details

Contact Type

Technical Contact, Person who prepared the report, Person who coordinated the preparation

Name:	David Anonen
Position:	R&D Manager
Telephone:	9056691311
Fax:	9056696299
Email:	david.anonen@wikoff.com
Contact Type	Certifying Official, Highest Ranking Employee
Name:	Martin Hambrock
Position:	Vice President Canadian Operations
Telephone:	9056691311
Email:	martin.hambrock@wikoff.com
Contact Type	Contractor Contact
Name:	Erik Martinez
Position:	Environmental Consultant
Telephone:	5198840510
Email:	emartinez@craworld.com
Independent contractor/consultant company name:	Conestoga-Rovers & Associates

General Information

Number of employees:	33
Activities for Which the 20,000-Hour Employee Threshold Does Not Apply:	None of the above
Activities Relevant to Reporting Dioxins, Furans and Hexacholorobenzene:	None of the above
Activities Relevant to Reporting of Polycyclic Aromatic Hydrocarbons (PAHs):	Wood preservation using creosote: No
Is this the first time the facility is reporting to the NPRI (under current or past ownership):	No
Is the facility controlled by another Canadian company or companies:	No
Did the facility report under other environmental regulations or permits:	Yes
Is the facility required to report one or more NPRI Part 4 substances (Criteria Air Contaminants):	Yes
Was the facility shut down for more than one week during the year:	No
Operating Schedule - Days of the Week:	Mon, Tue, Wed, Thu, Fri
Usual Number of Operating Hours per day:	11
Usual Daily Start Time (24h) (hh:mm):	06:00

Substance List

CAS RN	Substance Name	Releases	Releases (Speciated VOCs)	Disposals	Recycling	Unit
67-64-1	Acetone	0.1450	N/A	N/A	N/A	tonnes
78-83-1	i-Butyl alcohol	N/A	N/A	N/A	N/A	tonnes
67-63-0	Isopropyl alcohol	N/A	N/A	N/A	N/A	tonnes
78-93-3	Methyl ethyl ketone	3.6950	N/A	N/A	1.2290	tonnes
NA - M16	Volatile Organic Compounds (VOCs)	52.4760	25.6740	N/A	N/A	tonnes

Applicable Programs

CAS RN	Substance Name	NPRI	ON MOE TRA	ON MOE Reg 127/01	First report for this substance to the ON MOE TRA
67-64-1	Acetone		Yes	Yes	No
78-83-1	i-Butyl alcohol	No	No		No
67-63-0	Isopropyl alcohol	No	No		No
78-93-3	Methyl ethyl ketone	Yes	Yes		No
NA - M16	Volatile Organic Compounds (VOCs)	Yes	No		No

TRA Exit Record

CAS RN	Substance Name	Circumstance(s) that apply	Describe the circumstances that lead to the criteria no longer being met	Describe the information and any quantifications relied upon for making the determination
78-83-1	i-Butyl alcohol	The substance did not meet the criteria to provide information to NPRI	The Facility uses i-Butyl Alcohol in an amount that is less than the reporting threshold.	The quantity of i-Butyl Alcohol used at the Facility has been assessed and determined to be non-reportable.
67-63-0	Isopropyl alcohol	The substance did not meet the criteria to provide information to NPRI	The Facility uses Isopropyl Alcohol in an amount that is less than the reporting threshold.	The quantity of Isopropyl Alcohol used at the Facility has been assessed and determined to be non-reportable.

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

CAS RN	Substance Name	Was the substance released on-site	The substance will be reported as the sum of releases to all media (total of 1 tonne or less)	1 tonne or more of a Part 5 Substance (Speciated VOC) was released to air
78-83-1	i-Butyl alcohol	No	No	No
67-63-0	Isopropyl alcohol	No	No	No
78-93-3	Methyl ethyl ketone	Yes	No	No
NA - M16	Volatile Organic Compounds (VOCs)		No	Yes

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

CAS RN	Substance Name	Was the substance disposed of (on-site or off-site), or transferred for treatment prior to final disposal	Is the facility required to report on disposals of tailings and waste rock for the selected reporting period	Was the substance transferred off-site for recycling
78-83-1	i-Butyl alcohol	No	No	No
67-63-0	Isopropyl alcohol	No	No	No
78-93-3	Methyl ethyl ketone	No	No	Yes
NA - M16	Volatile Organic Compounds (VOCs)			

General Information about the Substance - Nature of Activities

CAS RN	Substance Name	Manufacture the Substance	Process the Substance	Otherwise Use of the Substance
78-83-1	i-Butyl alcohol		As a formulation component	
67-63-0	Isopropyl alcohol		As a formulation component	
78-93-3	Methyl ethyl ketone		As a formulation component	
NA - M16	Volatile Organic Compounds (VOCs)			

Substances added to/removed from the report

CAS RN	Substance Name	Added/Removed	Comment
78-83-1	i-Butyl alcohol	Added	i-Butyl Alcohol was added to the report because an exit record from TRA was required to be completed.
67-63-0	Isopropyl alcohol	Added	Isopropyl Alcohol was added to the report because an exit record from TRA was required to be completed.

TRA Quantifications

CAS RN	Substance Name	Use, Creation, Contained	Quantity	Use ranges for public reporting
67-64-1	Acetone	Use	9348 tonnes	Yes
67-64-1	Acetone	Creation	0 tonnes	Yes
67-64-1	Acetone	Contained		
78-93-3	Methyl ethyl ketone	Use	28.096 tonnes	Yes
78-93-3	Methyl ethyl ketone	Creation	0 tonnes	No
78-93-3	Methyl ethyl ketone	Contained	23.196 tonnes	Yes
NA - M16	Volatile Organic Compounds (VOCs)	Use	709.420 tonnes	Yes
NA - M16	Volatile Organic Compounds (VOCs)	Creation	0 tonnes	No
NA - M16	Volatile Organic Compounds (VOCs)	Contained		

TRA Quantifications - VOC Breakdown List

CAS RN	Substance Name	Use, Creation, Contained	Quantity
64-17-5	Ethanol	Use	171.083 tonnes
64-17-5	Ethanol	Creation	0 tonnes
141-78-6	Ethyl acetate	Use	156.228 tonnes
141-78-6	Ethyl acetate	Creation	0 tonnes
NA - 31	Heptane (all isomers)	Creation	0 tonnes
67-63-0	Isopropyl alcohol	Creation	0 tonnes
78-93-3	Methyl ethyl ketone	Use	28.096 tonnes
78-93-3	Methyl ethyl ketone	Creation	0 tonnes
110-54-3	n-Hexane	Creation	0 tonnes
64742-89-8	Solvent naphtha light aliphatic	Creation	0 tonnes

TRA Quantifications - Total Speciated VOCs

Use, Creation, Contained	Quantity
Use	355.407 tonnes
Creation	tonnes

TRA Quantifications - Others

CAS RN	Substance Name	Change in Method of Quantification	Reasons for Change	Description of how the change impact tracking and quantification of the substance	Incidents out of the normal course of events	Significant Process Change
67-64-1	Acetone					No
78-93-3	Methyl ethyl ketone					No
NA - M16	Volatile Organic Compounds (VOCs)					No

On-site Releases - Releases to air

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
67-64-1	Acetone	Storage or Handling Releases	C - Mass Balance		0.145 tonnes
78-93-3	Methyl ethyl ketone	Storage or Handling Releases	C - Mass Balance		3.695 tonnes
NA - M16	Volatile Organic Compounds (VOCs)	Storage or Handling Releases	C - Mass Balance		52.476 tonnes
NA - M16	Volatile Organic Compounds (VOCs)	Other Sources - Speciated VOCs	NA - Not Applicable		52.476 tonnes

On-site Releases - Releases to air - Total

CAS RN	Substance Name	Total - Releases to Air
67-64-1	Acetone	0.145 tonnes
78-93-3	Methyl ethyl ketone	3.695 tonnes
NA - M16	Volatile Organic Compounds (VOCs)	52.476 tonnes

On-site Releases - Releases to air - VOC Breakdown List

Category	CAS RN	Substance Name	Quantity
Other Sources - Speciated VOCs	64-17-5	Ethanol	8.659 tonnes
Other Sources - Speciated VOCs	141-78-6	Ethyl acetate	13.320 tonnes
Other Sources - Speciated VOCs	78-93-3	Methyl ethyl ketone	3.695 tonnes

On-site Releases - Total

CAS RN	Substance Name	Total releases
78-93-3	Methyl ethyl ketone	3.695 tonnes

On-site Releases - Quarterly Breakdown of Annual Releases

CAS RN	Substance Name	Quarter 1	Quarter 2	Quarter 3	Quarter 4
78-93-3	Methyl ethyl ketone	25	25	25	25

On-site Releases - Monthly Breakdown of Annual Releases

CAS RN	Substance Name	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
NA - M16	Organic Compounds (VOCs)	8.33	8.33	8.34	8.33	8.33	8.34	8.33	8.33	8.34	8.33	8.33	8.34

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

CAS RN	Substance Name	Reasons for Changes in Quantities Disposed from Previous Year	Comments (Disposals)
67-63-0	Isopropyl alcohol	No significant change (i.e. < 10%) or no change	
78-83-1	i-Butyl alcohol	No significant change (i.e. < 10%) or no change	
78-93-3	Methyl ethyl ketone	Other (specify in On-site Releases comment field)	Change likely due to inventory reporting error.
NA - M16	Volatile Organic Compounds (VOCs)	Changes in production levels	

Disposals - Reasons and Comments

CAS RN	Substance Name	Reasons Why Substance Was Disposed	Reasons for Changes in Quantities Disposed from Previous Year	Comments (Disposals)
67-63-0	Isopropyl alcohol		No significant change (i.e. < 10%) or no change	
78-83-1	i-Butyl alcohol		No significant change (i.e. < 10%) or no change	
78-93-3	Methyl ethyl ketone		No significant change (i.e. < 10%) or no change	

Recycling - Off-site Transfers for Recycling

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
78-93-3	Methyl ethyl ketone	Recovery of Solvents	C - Mass Balance		1.229 tonnes

Recycling - Off-site Transfers for Recycling - Total

CAS RN	Substance Name	Total - Off-site Transfers for Recycling
78-93-3	Methyl ethyl ketone	1.229 tonnes

Recycling - Off-site Transfers for Recycling - By Facility

CAS RN	Substance Name	Category	Off-site Name	Off-site Address	Quantity
78-93-3	Methyl ethyl ketone	Recovery of Solvents	Fielding Chemical Technology Inc.	3549 Mavis Rd., Mississauga, ON, Canada	1.229 tonnes

Recycling - Off-site Transfers for Recycling - Dioxins and Furans Breakdown List By Facility

Category	CAS RN	Substance Name	Off-site Name	Quantity
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Recycling - Reasons and Comments

CAS RN	Substance Name	Reasons Why Substance Was Recycled	Reasons for Changes in Quantities Recycled from Previous Year	Comments
67-63-0	Isopropyl alcohol		No significant change (i.e. < 10%) or no change	
78-83-1	i-Butyl alcohol		No significant change (i.e. < 10%) or no change	
78-93-3	Methyl ethyl ketone	Other	Other (specify in recycling comments field)	Less MEK was used for cleaning and less substandard product made.

Comparison Report - Enters, Creation, Contained in Product

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
67-64-1	Acetone	No	Enters the facility (Use)	9348 tonnes	10073 tonnes	2014	-725	-7.20
67-64-1	Acetone	No	Creation	0 tonnes	0 tonnes	2014	0	
141-78-6	Ethyl acetate	Yes	Enters the facility (Use)	156.228 tonnes	211.773 tonnes	2014	-55.545	-26.23
141-78-6	Ethyl acetate	Yes	Creation	0 tonnes	0 tonnes	2014	0	
64-17-5	Ethyl Alcohol	Yes	Enters the facility (Use)	171.083 tonnes	176.862 tonnes	2014	-5.779	-3.27
64-17-5	Ethyl Alcohol	Yes	Creation	0 tonnes	0 tonnes	2014	0	
78-93-3	Methyl ethyl ketone	No	Enters the facility (Use)	28.096 tonnes	37.096 tonnes	2014	-9.000	-24.26
78-93-3	Methyl ethyl ketone	No	Creation	0 tonnes	0 tonnes	2014	0	
78-93-3	Methyl ethyl ketone	No	Contained	23.196 tonnes	31.499 tonnes	2014	-8.303	-26.36

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
78-93-3	Methyl ethyl ketone	Yes	Enters the facility (Use)	28.096 tonnes	37.960 tonnes	2014	-9.864	-25.99
78-93-3	Methyl ethyl ketone	Yes	Creation	0 tonnes	0 tonnes	2014	0	

Comparison Report - Enters, Creation, Contained in Product : Reason(s) for Change

CAS RN	Substance Name	Reason(s) for Change	Other Reason
67-64-1	Acetone	No reasons - quantities approximately the same	
78-93-3	Methyl ethyl ketone	Decrease in production levels	
NA - M16	Volatile Organic Compounds (VOCs)	Increase in production levels Decrease in production levels Other	Changes occurred in production levels for specific products.

Comparison Report - On-site Releases

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
67-64-1	Acetone	No	Total Releases to Air	0.145 tonnes	0.136 tonnes	2014	0.009	6.62
67-64-1	Acetone	No	Total Releases to Water	0 tonnes	0 tonnes	2014	0	
67-64-1	Acetone	No	Total Releases to Land	0 tonnes	0 tonnes	2014	0	
67-64-1	Acetone	No	Total Releases to All Media	0 tonnes	0 tonnes	2014	0	
141-78-6	Ethyl acetate	Yes	Total Releases to Air	13.320 tonnes	5.407 tonnes	2014	7.913	146.35
64-17-5	Ethyl Alcohol	Yes	Total Releases to Air	8.659 tonnes	11.867 tonnes	2014	-3.208	-27.03
78-93-3	Methyl ethyl ketone	No	Total Releases to Air	3.695 tonnes	1.546 tonnes	2014	2.149	139.00
78-93-3	Methyl ethyl ketone	No	Total Releases to Water	0 tonnes	0 tonnes	2014	0	
78-93-3	Methyl ethyl ketone	No	Total Releases to Land	0 tonnes	0 tonnes	2014	0	
78-93-3	Methyl ethyl ketone	No	Total Releases to All Media	0 tonnes	0 tonnes	2014	0	
78-93-3	Methyl ethyl ketone	Yes	Total Releases to Air	3.695 tonnes	1.546 tonnes	2014	2.149	139.00

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

CAS RN	Substance Name	Reason(s) for Change	Other Reason
67-64-1	Acetone	No reasons - quantities approximately the same	
78-93-3	Methyl ethyl ketone	Other	Error likely for reporting inventory amounts during the year
NA - M16	Volatile Organic Compounds (VOCs)	Decrease in production levels	

Comparison Report - Transfers off-site for Recycling

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
78-93-3	Methyl ethyl ketone	No	Total off-site Transfers for Recycling	1.229 tonnes	1.368 tonnes	2014	-0.139	-10.16

Comparison Report - Transfers off-site for Recycling - Reason(s) for Change

CAS RN	Substance Name	Reason(s) for Change	Other Reason
78-93-3	Methyl ethyl ketone	Other	Less volume of solvent sent for recycling.

Pollution Prevention

Does the facility have a documented pollution prevention plan?

No

Did the facility complete any pollution prevention activities in the current NPRI reporting year

No

Progress on TRA Plan - Objectives

CAS RN	Substance Name	Objectives
		Wirkoff prides itself on technological innovation in order to supply inks, coatings and varnishes in an environmentally responsible manner.

CAS RN	Substance Name	Objectives
67-64-1	Acetone	Wikoff will strive to eliminate the use of toxic substances at the facility. Further, this plan will determine the technical and economic feasibility of each option to determine which, if any, are viable for implementation at this time.
64-17-5	Ethanol	Wikoff prides itself on technological innovation in order to supply inks, coatings and varnishes in an environmentally responsible manner. Wikoff will strive to eliminate the use of toxic substances at the facility. Further, this plan will determine the technical and economic feasibility of each option to determine which, if any, are viable for implementation at this time.
141-78-6	Ethyl acetate	Wikoff prides itself on technological innovation in order to supply inks, coatings and varnishes in an environmentally responsible manner. Wikoff will strive to eliminate the use of toxic substances at the facility. Further, this plan will determine the technical and economic feasibility of each option to determine which, if any, are viable for implementation at this time.
NA - 31	Heptane (all isomers)	Wikoff prides itself on technological innovation in order to supply inks, coatings and varnishes in an environmentally responsible manner. Wikoff will strive to eliminate the use of toxic substances at the facility. Further, this plan will determine the technical and economic feasibility of each option to determine which, if any, are viable for implementation at this time.
67-63-0	Isopropyl alcohol	Wikoff prides itself on technological innovation in order to supply inks, coatings and varnishes in an environmentally responsible manner. Wikoff will strive to eliminate the use of toxic substances at the facility. Further, this plan will determine the technical and economic feasibility of each option to determine which, if any, are viable for implementation at this time.
78-93-3	Methyl ethyl ketone	Wikoff prides itself on technological innovation in order to supply inks, coatings and varnishes in an environmentally responsible manner. Wikoff will strive to eliminate the use of toxic substances at the facility. Further, this plan will determine the technical and economic feasibility of each option to determine which, if any, are viable for implementation at this time.
110-54-3	n-Hexane	Wikoff prides itself on technological innovation in order to supply inks, coatings and varnishes in an environmentally responsible manner. Wikoff will strive to eliminate the use of toxic substances at the facility. Further, this plan will determine the technical and economic feasibility of each option to determine which, if any, are viable for implementation at this time.
64742-89-8	Solvent naphtha light aliphatic	Wikoff prides itself on technological innovation in order to supply inks, coatings and varnishes in an environmentally responsible manner. Wikoff will strive to eliminate the use of toxic substances at the facility. Further, this plan will determine the technical and economic feasibility of each option to determine which, if any, are viable for implementation at this time.

Progress on TRA Plan - Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
67-64-1	Acetone	No quantity target	No timeline target	
64-17-5	Ethanol	No quantity target	No timeline target	
141-78-6	Ethyl acetate	No quantity target	No timeline target	
NA - 31	Heptane (all isomers)	2.35 tonnes	1	Wikoff Color has begun or is underway completing product reformulations to reduce and/or eliminate the use of Heptane in specific formulations. Heptane reduction is based on reformulation of a specific lacquer that will eliminate it from the formula. Customer acceptance is pending. For the reformulation of Heptane, solvent reduction will be 2.354 tonnes from a total usage of 13.993 tonnes (17%) in 2012.
67-63-0	Isopropyl alcohol	No quantity target	No timeline target	
78-93-3	Methyl ethyl ketone	23.88 tonnes	1	Wikoff Color has begun or is underway completing product reformulations to reduce and/or eliminate the use of Methyl Ethyl Ketone in specific formulations. Methyl Ethyl Ketone reduction is based on reformulation of a high volume lacquer that will eliminate it. Customer evaluation and approval is pending. For the reformulation of Methyl Ethyl Ketone there is a 23.883 tonnes per year (65 percent estimated reduction of usage based on data from 2012). The usage will be reduced from 36.696 tonnes to 12.813 tonnes.
110-54-3	n-Hexane	3.35 tonnes	1	Wikoff Color has begun or is underway completing product reformulations to reduce and/or eliminate the use of n-Hexane in specific formulations. Hexane is used in one formulation and it has been eliminated from it. Customer approval is pending as the revised formula will be tested in their process. For the reformulation of n-Hexane, usage from 3.353 tonnes in 2012 will change to zero if approval is received.
64742-89-8	Solvent naphtha light aliphatic	No quantity target	No timeline target	

Progress on TRA Plan - Description

CAS RN	Substance Name	Quantity	Years	Description of Target
67-64-1	Acetone	No quantity target	No timeline target	
64-17-5	Ethanol	No quantity target	No timeline target	
141-78-6	Ethyl acetate	No quantity target	No timeline target	
NA - 31	Heptane (all isomers)	No quantity target	No timeline target	
67-63-0	Isopropyl alcohol	No quantity target	No timeline target	
78-93-3	Methyl ethyl ketone	No quantity target	No timeline target	
110-54-3	n-Hexane	No quantity target	No timeline target	
64742-89-8	Solvent naphtha light aliphatic	No quantity target	No timeline target	

Progress on TRA Plan - Toxic Reduction Options Implemented

CAS RN	Substance Name	Activity	Steps that were taken in the reporting period to implement the toxic reduction option	Public summary of the description of the steps	Comparison of the steps that were described in the plan for implementation with the actual steps taken during the reporting period	Public summary of the comparison of the steps
NA - 31	Heptane (all isomers)	Modified design or composition	Product was reformulated to be free of Heptane.	Reformulation of product was successful without Heptane.	The plan was followed.	Reformulation of product was successful without Heptane.

CAS RN	Substance Name	Activity	Steps that were taken in the reporting period to implement the toxic reduction option	Public summary of the description of the steps	Comparison of the steps that were described in the plan for implementation with the actual steps taken during the reporting period	Public summary of the comparison of the steps
78-93-3	Methyl ethyl ketone	Modified design or composition	Reformulation of product that contains MEK to eliminate it.	Reformulation of product did not contain MEK.	the plan was followed.	Reformulation of product did not contain MEK.
110-54-3	n-Hexane	Modified design or composition	Reformulation of product was completed to remove Hexane from the formula so as to eliminate its use by Wikoff.	Reformulation of product was completed to remove Hexane from the formula so as to eliminate its use by Wikoff.	Reformulation was completed as noted in the plan, Wikoff is still pursuing a water based alternative.	Reformulation of product was completed to remove Hexane from the formula so as to eliminate its use by Wikoff.

Progress on TRA Plan - Reductions due to Options Implemented - Product design or reformulation

CAS RN	Substance Name	Activity	Reductions due to Options Implemented	Quantity
NA - 31	Heptane (all isomers)	Modified design or composition	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the steps described:	1.643 tonnes
NA - 31	Heptane (all isomers)	Modified design or composition	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - 31	Heptane (all isomers)	Modified design or composition	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the steps described:	1.643 tonnes
NA - 31	Heptane (all isomers)	Modified design or composition	The amount of reduction in release to air of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - 31	Heptane (all isomers)	Modified design or composition	The amount of reduction in release to water of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - 31	Heptane (all isomers)	Modified design or composition	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to steps described:	No Amount
NA - 31	Heptane (all isomers)	Modified design or composition	The amount of reduction in the substance disposed on-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - 31	Heptane (all isomers)	Modified design or composition	The amount of reduction in the substance disposed off-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - 31	Heptane (all isomers)	Modified design or composition	The amount of reduction in the substance recycled off-site at the facility during the reporting period that resulted due to the steps described:	No Amount
78-93-3	Methyl ethyl ketone	Modified design or composition	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
78-93-3	Methyl ethyl ketone	Modified design or composition	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
78-93-3	Methyl ethyl ketone	Modified design or composition	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the steps described:	No Amount
78-93-3	Methyl ethyl ketone	Modified design or composition	The amount of reduction in release to air of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
78-93-3	Methyl ethyl ketone	Modified design or composition	The amount of reduction in release to water of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
78-93-3	Methyl ethyl ketone	Modified design or composition	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to steps described:	No Amount
78-93-3	Methyl ethyl ketone	Modified design or composition	The amount of reduction in the substance disposed on-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the steps described:	No Amount
78-93-3	Methyl ethyl ketone	Modified design or composition	The amount of reduction in the substance disposed off-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the steps described:	No Amount
78-93-3	Methyl ethyl ketone	Modified design or composition	The amount of reduction in the substance recycled off-site at the facility during the reporting period that resulted due to the steps described:	No Amount
110-54-3	n-Hexane	Modified design or composition	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the steps described:	1.370 tonnes
110-54-3	n-Hexane	Modified design or composition	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
110-54-3	n-Hexane	Modified design or composition	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the steps described:	2.017 tonnes
110-54-3	n-Hexane	Modified design or composition	The amount of reduction in release to air of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
110-54-3	n-Hexane	Modified design or composition	The amount of reduction in release to water of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
110-54-3	n-Hexane	Modified design or composition	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to steps described:	No Amount
110-54-3	n-Hexane	Modified design or composition	The amount of reduction in the substance disposed on-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the steps described:	No Amount
110-54-3	n-Hexane	Modified design or composition	The amount of reduction in the substance disposed off-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the steps described:	No Amount
110-54-3	n-Hexane	Modified design or composition	The amount of reduction in the substance recycled off-site at the facility during the reporting period that resulted due to the steps described:	No Amount

Progress on TRA Plan - Additional Actions

CAS RN	Substance Name	Were there any additional actions outside the plan taken during the reporting period to reduce the use and/or creation of the substance?	Describe any additional actions that were taken during the reporting period to achieve the plan's objectives	Provide a public summary of the description of the additional action taken
67-64-1	Acetone	No		

CAS RN	Substance Name	Were there any additional actions outside the plan taken during the reporting period to reduce the use and/or creation of the substance?	Describe any additional actions that were taken during the reporting period to achieve the plan's objectives	Provide a public summary of the description of the additional action taken
64-17-5	Ethanol	No		
141-78-6	Ethyl acetate	No		
NA - 31	Heptane (all isomers)	No		
67-63-0	Isopropyl alcohol	No		
78-93-3	Methyl ethyl ketone	No		
110-54-3	n-Hexane	No		
64742-89-8	Solvent naphtha light aliphatic	No		

Progress on TRA Plan - Reductions due to additional actions taken

CAS RN	Substance Name	Reductions due to additional actions taken	Quantity
67-64-1	Acetone	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions.	
67-64-1	Acetone	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions.	
67-64-1	Acetone	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the additional actions.	
67-64-1	Acetone	The amount of reduction in release to air of the substance at the facility during the reporting period that resulted due to the additional actions.	
67-64-1	Acetone	The amount of reduction in release to water of the substance at the facility during the reporting period that resulted due to the additional actions.	
67-64-1	Acetone	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to the additional actions.	
67-64-1	Acetone	The amount of reduction in the substance disposed on-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
67-64-1	Acetone	The amount of reduction in the substance disposed off-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
67-64-1	Acetone	The amount of reduction in the substance recycled off-site at the facility during the reporting period that resulted due to the additional actions.	
64-17-5	Ethanol	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions.	
64-17-5	Ethanol	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions.	
64-17-5	Ethanol	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the additional actions.	
64-17-5	Ethanol	The amount of reduction in release to air of the substance at the facility during the reporting period that resulted due to the additional actions.	
64-17-5	Ethanol	The amount of reduction in release to water of the substance at the facility during the reporting period that resulted due to the additional actions.	
64-17-5	Ethanol	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to the additional actions.	
64-17-5	Ethanol	The amount of reduction in the substance disposed on-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
64-17-5	Ethanol	The amount of reduction in the substance disposed off-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
64-17-5	Ethanol	The amount of reduction in the substance recycled off-site at the facility during the reporting period that resulted due to the additional actions.	
141-78-6	Ethyl acetate	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions.	
141-78-6	Ethyl acetate	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions.	
141-78-6	Ethyl acetate	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the additional actions.	
141-78-6	Ethyl acetate	The amount of reduction in release to air of the substance at the facility during the reporting period that resulted due to the additional actions.	
141-78-6	Ethyl acetate	The amount of reduction in release to water of the substance at the facility during the reporting period that resulted due to the additional actions.	
141-78-6	Ethyl acetate	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to the additional actions.	
141-78-6	Ethyl acetate	The amount of reduction in the substance disposed on-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
141-78-6	Ethyl acetate	The amount of reduction in the substance disposed off-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
141-78-6	Ethyl acetate	The amount of reduction in the substance recycled off-site at the facility during the reporting period that resulted due to the additional actions.	

CAS RN	Substance Name	Reductions due to additional actions taken	Quantity
64742-89-8	Solvent naphtha light aliphatic	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the additional actions.	
64742-89-8	Solvent naphtha light aliphatic	The amount of reduction in release to air of the substance at the facility during the reporting period that resulted due to the additional actions.	
64742-89-8	Solvent naphtha light aliphatic	The amount of reduction in release to water of the substance at the facility during the reporting period that resulted due to the additional actions.	
64742-89-8	Solvent naphtha light aliphatic	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to additional actions.	
64742-89-8	Solvent naphtha light aliphatic	The amount of reduction in the substance disposed on-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
64742-89-8	Solvent naphtha light aliphatic	The amount of reduction in the substance disposed off-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
64742-89-8	Solvent naphtha light aliphatic	The amount of reduction in the substance recycled off-site at the facility during the reporting period that resulted due to the additional actions.	

Progress on TRA Plan - Amendments

CAS RN	Substance Name	Were any amendments made to the toxic substance reduction plan during the reporting period	Description any amendments that were made to the toxic substance reduction plan during the reporting period	Provide a public summary of the description of any amendments that were made to the toxic substance reduction plan during the reporting period
67-64-1	Acetone	No		
64-17-5	Ethanol	No		
141-78-6	Ethyl acetate	No		
NA - 31	Heptane (all isomers)	No		
67-63-0	Isopropyl alcohol	No		
78-93-3	Methyl ethyl ketone	No		
110-54-3	n-Hexane	No		
64742-89-8	Solvent naphtha light aliphatic	No		

Report Submission and Electronic Certification

NPRI - Electronic Statement of Certification

Specify the language of correspondence

English

Comments (optional)

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

I also acknowledge that the data will be made public.

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

Company Name

Wikoff Color Corp. Canada

Certifying Official (or authorized delegate)

Martin Hambrock

Report Submitted by

Martin Hambrock

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

ON MOE TRA - Electronic Certification Statement

Annual Report Certification Statement

As of 07/12/2016, I, Martin Hambrock, certify that I have read the reports on the toxic substance reduction plans for the toxic substances referred to below and am familiar with their contents, and to my knowledge the information contained in the reports is factually accurate and the reports comply with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

TRA Substance List

CAS RN

Substance Name

67-64-1	Acetone
64-17-5	Ethanol
141-78-6	Ethyl acetate
NA - 31	Heptane (all isomers)
67-63-0	Isopropyl alcohol
78-93-3	Methyl ethyl ketone
110-54-3	n-Hexane
64742-89-8	Solvent naphtha light aliphatic

Exit Record Certification Statement

As of 07/12/2016, I Martin Hambrock, certify that I have read the records created for the purposes of section 11.2 of Ontario Regulation 455/09 (General) made under the Toxics Reduction Act, (2009) in respect of the use and creation of the toxic substances referred to below at WIKOFF COLOR CORPORATION - CANADA INC. and am familiar with their contents and to my knowledge they are factually accurate.

TRA Exit Record Substances

CAS RN	Substance Name
67-63-0	Isopropyl alcohol
78-83-1	i-Butyl alcohol

Company Name

Wikoff Color Corp. Canada

Highest Ranking Employee

Martin Hambrock

Report Submitted by

Martin Hambrock

Website address

I, the highest ranking employee, agree with the certification statement(s) above and acknowledge that by checking the box I am electronically signing the statement(s). I also acknowledge that by pressing the 'Submit Report(s)' button I am submitting the facility record(s)/report(s) for the identified facility to the Director under the Toxics Reduction Act, 2009. I also acknowledge that the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 provide the authority to the Director under the Act to make certain information as specified in subsection 27(5) of Ontario Regulation 455/09 available to the public.

Submitted Report

Period	Submission Date	Facility Name	Province	City	Programs
2015	07/12/2016	WIKOFF COLOR CORPORATION - CANADA INC.	Ontario	Vaughan	NPRI,ON MOE TRA,ON MOE

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

Version: 3.11.2



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