

Toxics Reduction Plan Summary for Normac **(Prepared in Compliance with the Toxics Reduction Act, 2009** **& Ontario Regulation 455/09)**

June 2015
Ref: 3196-03

Prepared for:



Normac Kitchens
Thornhill, Ontario

Prepared by:



Enviro-Stewards
Engineers & Scientists

Enviro-Stewards Inc.
1 Union Street
Elmira, Ontario

BASIC FACILITY INFORMATION

Substance name(s) & CAS No.(s)	Substance Name	CAS No.
	Isopropanol	67-63-01
	Methyl isobutyl ketone	108-10-1
	n-butyl acetate	123-86-4
	Ethyl alcohol	64-17-5
NPRI ID No.	10572	
O. Reg 127/01 ID No.	-	
Legal name of owner	Normac Kitchens Ltd.	
Trade name of owner	-	
Legal name of operator (if different)	-	
Trade name of operator (if different)	-	
Mailing address of owner	59 Glen Cameron Road, Thornhill, ON L3T 1N8	
Mailing address of operator (if different)	-	
2-digit NAICS code	32	
4-digit NAICS code	3219	
6-digit NAICS code	321999	
Spatial coordinates (UTM & NAD83)	Latitude: 43.8057 Longitude: -79.4171 Datum: 1983	
Parent Company (if applicable)	-	
Legal name	-	
Mailing address (if different from facility)	-	
Percent owned by parent company	-	
Canada Customs & Revenue Agency No.	-	
Mailing address	-	

TECHNICAL CONTACT

Name	Alfonso Mendez
Position	Production/Plant Manager
Phone number	(905) 889-1342 ext 130
Email	amendez@normackitchens.com
Mailing address (if different)	-

PERSON WHO COORDINATED THE PLAN

Name	Lloyd Hipel
Position	Project Manager
Phone number	(519) 578-5100
Email	lhipel@enviro-stewards.com
Mailing address (if different)	1 Union Street, Elmira, ON N3B 3J9

PERSON WHO PREPARED THE PLAN

Name	Lloyd Hipel
Position	Project Manager
Phone number	(519) 578-5100
Email	lhipel@enviro-stewards.com
Mailing address (if different)	1 Union Street, Elmira, ON N3B 3J9

HIGHEST RANKING EMPLOYEE

Name	Bianca Marcus
Position	Director

Phone number	(905) 889-1342
Email	bmarcus@normackitchens.com
Mailing address (if different)	-

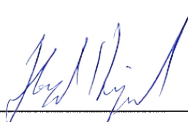
PLAN SUMMARY

Substance name	Substance Name	CAS No.
	Isopropanol	67-63-01
	Methyl isobutyl ketone	108-10-1
	n-butyl acetate	123-86-4
	Ethyl alcohol	64-17-5
Statement of Intent & Objectives	Normac intends to reduce its use of 67-63-01 chemical. Normac intends to reduce its use of 108-10-1 chemical. Normac intends to reduce its use of 123-86-4 chemical. Normac intends to reduce its use of 64-17-5 chemical.	
Toxic Substance Accounting Records (methods used to track & quantify, quantifications, input output balance, etc.)	Refer to the report entitled, " <i>Toxics Reduction Act (TRA) Internal Report</i> "	
Toxic Substance Reduction Plan (cost estimates, options to reduce, reduction estimates, technical & economic feasibility analyses, etc.)	Refer to the report entitled, " <i>Toxics Reduction Act (TRA) Internal Report</i> "	
Implementation Plan of Options		
Implementation Category	iii. Equipment or Process Modification	
Implementation Option	Install HVLV gun on line 3 sealer	
Steps to Implement	<ul style="list-style-type: none"> • Already implemented 	
Estimated Reduction	Isopropanol: 96 kg/year in use Methyl isobutyl ketone: 93 kg/year in use n-butyl acetate: 133 kg/year in use Ethyl alcohol: 137 kg/year in use	
Dates for achieving reduction	<ul style="list-style-type: none"> • Reductions should be achieved within one year (June 2016) 	
Implementation Category	iv. Spill & Leak Prevention	
Implementation Option	Keep lids on waste thinner pails in spray booth	
Steps to Implement	<ul style="list-style-type: none"> • Already implemented 	
Estimated Reduction	n-butyl acetate: 1 kg/year in use	
Dates for achieving reduction	<ul style="list-style-type: none"> • Reductions should be achieved within one year (June 2016) 	
Implementation Category	v. On-site reuse or recycling	
Implementation Option	Increase use of onsite still	
Steps to Implement	<ul style="list-style-type: none"> • Already implemented 	
Estimated Reduction	n-butyl acetate: 356 kg/year in use	
Dates for achieving reduction	<ul style="list-style-type: none"> • Reductions should be achieved in one year (June 2016) 	
Implementation Category	vii. Training or improved operating practices	
Implementation Option	Spray gun training for operators	
Steps to Implement	<ul style="list-style-type: none"> • Already implemented 	
Estimated Reduction	Isopropanol: 21 kg/year in use Methyl isobutyl ketone: 21 kg/year in use n-butyl acetate: 30 kg/year in use Ethyl alcohol: 31 kg/year in use	
Dates for achieving reduction	<ul style="list-style-type: none"> • Reductions should be achieved within one year (June 2016) 	

Toxics Reduction Planner Certification As of May 15, 2015,

I, Lloyd Hipel certify that I am familiar with the processes at Normac Kitchens. that use or create the toxic substance 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 May 2015 and that with the exception of the regulatory deadline the plan complies with that act and Ontario Regulation 455/09 (General) made under that Act.

- *Isopropyl alcohol, methyl isobutyl ketone, n-butyl acetate, ethyl alcohol*

X 

Planner Name: Lloyd Hipel
License No.: TSRP0211

Highest Ranking Employee Certification As of May 15, 2015

I, Alfonso Mendez, 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 that with the exception of the regulatory deadline the reports comply with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

- *Isopropyl alcohol, methyl isobutyl ketone, n-butyl acetate, ethyl alcohol*

X 

Highest Ranking Employee Name: Alfonso Mendez

Officer and Director Certification

As of May 15, 2015,

I, Bianca Marcus, certify that Alfonso Mendez, as the Highest Ranking Employee of Normac Kitchens, has the capability and expertise to authorize the validity of NPRI and TRA reporting. As Plant Manager, Alfonso Mendez is responsible for all Ministry of Environment reporting as well as reviewing such processes and documentation with me.

X. 

Officer and Director Name: Bianca Marcus