Summary Ontario Toxics Reduction Plan - 2013 Amendment
Public Disclosure – Year 2013

Facility Details

Facility Name:	Massilly North America Inc.
Address:	406 Elgin Street, Brantford, ON N3S 7P6
NPRI Identification Number:	11317
Two Digit NAICS Code:	31 – 33 - Manufacturing
Four Digit Naics Code:	3321 – Forging & Stamping
Six Digit NAICS Code:	332118 – Stamping
Number of Full-Time Employees:	55
UTM Spatial Co-ordinates:	X(E): 615519; Y(N): 4824809; (-79.5695, 43.5673)

Parent Company Details

Legal Name of Parent Company:	Massilly Holding S.A..
Address of Parent Company:	581 rue des Freres Lumiere, 71000 Macon, France

Percentage of facility Owned by Parent Company: 100 %

Public Contact at Facility

Name:	Duane McBay
Position:	Production Manager
Address:	406 Elgin Street, Brantford, ON
Office Phone Number:	(226) 250-3100 x 327

Facility Description

Massilly North America Inc. (Massilly) produces a range of thread and vacuum twist closures for the food and beverage industry. The manufacturing process consists of sheet metal coating, printing and curing, followed by trimming, lid pressing, cap rolling/forming, and injection of food grade resins into the cap, resin curing and cooling.

Substances Information

In 2012, six substances were identified in the Toxics Substances Reduction Plan: methyl isobutyl ketone (MIBK), 1,2,4-trimethylbenzene (TMB), 2-butoxyethanol (2BE), propylene glycol methyl ether acetate (PMA), isopropyl alcohol (IPA) and light aromatic solvent naphtha (LASN). An additional four substances were identified in the Toxics Substances reduction Plan 2013 Amendment: n-butyl alcohol (nBA), methyl ethyl ketone (MEK), heavy aromatic solvent naphtha (HASN), ethylene glycol butyl ether acetate (BCA). These substances are components of the coatings and/or solvents used in the production processes at the facility.

Substance Accounting Details (2013 Update)

Process Type	MIBK (tonnes/yr)	TMB (tonnes/yr)	2BE (tonnes/yr)	PMA (tonnes/yr)	IPA (tonnes/yr)	LASN (tonnes/yr)
Enters (total)	>10 to 100	>1 to 10	>10 to 100	>1 to 10	>1 to 10	>10 to 100
Created	0	0	0	0	0	0
Destroyed or Transformed	>1 to 10	>0 to 1	>10 to 100	>0 to 1	-	>10 to 100
In/on Product	0	0	0	0	0	0
Released, as Air Emissions	>0 to 1	>0 to 1	>0 to 1	>0 to 1	-	>0 to 1
Released on-site to land	0	0	0	0	0	0
Released to water	0	0	0	0	0	
Released, Transferred for Recycling	>0 to 1	>0 to 1	>1 to 10	>1 to 10	>1 to 10	>1 to 10
Released to Disposal	0	0	0	0	0	0

Process Type	nBA (tonnes/yr)	MEK (tonnes/yr)	HASN (tonnes/yr)	BCA (tonnes/yr)
Enters (total)	>10 to 100	>1 to 10	>10 to 100	>1 to 10
Created	0	0	0	0
Destroyed or Transformed	>10 to 100	0	>10 to 100	>1 to 10
In/on Product	0	0	0	0
Released, as Air Emissions	>0 to 1	0	>0 to 1	>0 to 1
Released on-site to land	0	0	0	0
Released to water	0	0	0	0
Released, Transferred for Recycling	>0 to 1	>1 to 10	>1 to 10	>0 to 1
Released to Disposal	0	0	0	0

Historical Comparison

Increases in releases from 2012 to 2013 in air emissions and materials transferred for recycling were noted for the substances as a result of significant increases in production and product types.

Reduction Plan Objectives and Targets:

Where practical and technically and economically viable, Massilly intends on addressing methods to reduce the use and releases of organic substances in their facility as any organic solvent loss from their facility represents potential lost profits and extra costs in their manufacturing processes. Massilly will identify and evaluate practices that will reduce the loss of residues of the subject substances by up to 10 % over the next 2 to 5 years.

Reduction Options Under Consideration for Implementation:
Eliminating base coats on applicable products will result in reduced coating use equating to reduced use and releases of the subject organics substances. Massilly is also considering reusing residual cleaning solvents for the initial equipment cleaning process.

Additional Actions and Their Impact on Substance Use, Creation and Discharge:
Massilly will continue to follow best operating practices by providing Pollution Prevention training/updates for employees.

Amendments or Changes to Toxic Reduction Plans during Report Period:
This is the first amendment made to the facility's toxics reduction plans.

Copy of Certification:
As of 12/11/2014, I, Garnet Lasby, 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 complies with the Toxics Reduction Act 2009 and Ontario Regulation 455/09 (General) made under that Act.

Methyl isobutyl ketone
1,2,4-Trimethylbenzene
2-Butoxyethanol
Propylene glycol monomethyl ether acetate
Isobutyl alcohol
Light aromatic solvent naphtha
n-Butyl alcohol
Methyl ethyl ketone
Heavy aromatic solvent naphtha
Ethylene glycol butyl ether acetate

Garnet Lasby
General Manager, Massilly North America Inc.
(Highest Ranking Employee)

Dec 11 2014.
Date