

Ontario Toxics Reduction Plan Summary
Public Disclosure – Year 2012

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 North America Inc.
 Address of Parent Company: 501 Lakeshore Road East, Mississauga, ON
 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, UV 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

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). These substances are components of the coatings and/or solvents used in the production processes at the facility.

Substance Accounting Details

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

Process Type	MIBK (tonnes/yr)	TMB (tonnes/yr)	2BE (tonnes/yr)	PMA (tonnes/yr)	IPA (tonnes/yr)	LASN (tonnes/yr)
Released to water	0	0	0	0	0	
Released, Transferred for Recycling	0	0	0	>0 to 1	>0 to 1	>0 to 1
Released to Disposal	0	0	0	0	0	0

Historical Comparison

As this is the first toxic reduction plan prepared for Massilly, no historical comparison data is available.

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.

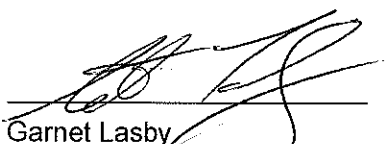
Amendments or Changes to Toxic Reduction Plans During Report Period:

No amendments or changes have been made to the facility's toxics reduction plans.

Copy of Certification:

As of JAN 7 2014, I, Garnet Lasby, certify that I have read the report on the toxic substance reduction plan for the toxic substance referred to below and am familiar with its contents, and to my knowledge the information contained in the report 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


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

JAN 7 2014
 Date