

EMMERSON PACKAGING**2018 TOXIC SUBSTANCE ACCOUNTING – SUMMARY REPORT**

Emmerson, formerly PolyCello, retained XCG Consulting Limited (XCG) to perform calculations and prepare the annual report required by the Ontario Ministry of Environment, Conservation and Parks (MECP) under the Toxics Reduction Action (TRA) Regulation 455/09 for the Emmerson Packaging facility in Belleville, Ontario.

Emmerson is a printing facility for plastic packaging. Primary emissions come from the VOCs contained in the flexographic ink used in the printing line.

The reportable contaminants for 2018, for which a reduction plan has been prepared, are n-Butyl Acetate, Ethyl Acetate, Ethyl Alcohol, Isopropyl Alcohol. Based on the new legislation to repeal the TRA, reduction plans for n-Propyl Alcohol, and n-Propyl Acetate are not required.

At this time, a technically and economically feasible reduction option has not been identified for the facility.

In addition to completing the required annual summary, this summary has been submitted to the MECP on-line using the web based Single Window Information Manager (SWIM) portal. A copy of the submission report is attached.

SECTION 1: GENERAL FACILITY INFORMATION

Business Name: Emmerson Packaging Belleville
Street/Mailing Address: Emmerson Packaging Belleville
420 College Street East
Belleville, Ontario
K8N 4Z6

NAICS Code: 323119
Latitude/Longitude: 44.188571/-77.362214
Number of Employees: 85

Company Contact Trevor Fury
Operations Manager
420 College Street East
Belleville, Ontario
K8N 4Z6
(613-968-9222 x1228)

Certifying Official: Trevor Fury
Operations Manager
420 College Street East
Belleville, Ontario
K8N 4Z6
(613-968-9222 x1228)

SECTION 2: PRESCRIBED TOXIC SUBSTANCES ON-SITE

Four substances were identified to be reported on a facility-wide basis under O. Reg. 455/09 as identified in Table 1 below.

Table 1 Toxic Substance Reported on a Facility Wide Basis


Substance	Enters the Facility (Use) (kg)	Creation (kg)	Contained in Product (kg)	Total Quantity Released (kg)	Disposals and Transfers (kg)	Change
2018 n-Butyl Acetate	6,707	0	0	6,707	0	1,354 kilogram increase
2018 Ethyl Acetate	3,916	0	0	3,916	0	492 kilogram increase
2018 Ethyl Alcohol	8,895	0	0	8,895	0	708 kilogram decrease
2018 Isopropyl Alcohol	4,607	0	0	4,607	0	722 kilogram increase
2018 n-Propyl Alcohol	33,398	0	0	33,398	0	New substance in 2018
2018 n-Propyl Acetate	34,207	0	0	34,207	0	New substance in 2018

To quantify n-Butyl Acetate, Ethyl Acetate, Ethyl Alcohol, Isopropyl Alcohol, n-Propyl Alcohol and n-Propyl Acetate Emmerson tracked the amount of ink used throughout the year. The total quantity of each VOC released to the atmosphere was based on the total amount of each ink used annually, and an assumed loss of 100% of the material used to atmosphere. The quantity of n-Butyl Acetate contained in the flexographic inks gas was based on the average concentration of n-Butyl Acetate in each ink, as noted on each respective SDS.

SECTION 3: CERTIFICATION BY HIGHEST RANKING EMPLOYEE

As of 3/30/19, I, Trevor Fury, certify that I have read the report on the toxic substance
(DATE)

accounting and am familiar with its contents, and to my knowledge the information contained in the report is factually accurate and the report complies with the Toxic Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under the Act.


Trevor Fury

5/30/19
Date