Ontario Toxics Reduction Plan Summary Public Disclosure – Year 2020

Facility Details

Facility Name:	Halltech Inc.
Address:	465 Coronation Drive South, Scarborough, ON M1E 2K2
NPRI Identification Number:	374
Two Digit NAICS Code:	31 – 33 - Manufacturing
Four Digit NAICS Code:	3255 – Paint, coating and adhesive manufacturing
Six Digit NAICS Code:	325520 – Adhesive manufacturing
Number of Full-Time Employees:	43
UTM Spatial Co-ordinates:	X(E): 647323; Y(N): 4847334; (-79.16970, 43.76440)

Parent Company Details

No Parent Company

Public Contact at Facility

Name:	Al Deli
Position:	V.P. Operations
Address:	465 Coronation Drive South, Scarborough, ON M1E 2K2
Office Phone Number:	(416) 284-6116

Facility Description

Halltech produces polymer emulsions and adhesives at the Scarborough facility. Raw materials such as monomers, acrylic acid, and nonylphenol ethoxylate are shipped in by rail car, tank truck or in sealed totes or drums. All products are produced in batch processes.

Substances Information

Acrylic acid (and its salts) (CAS# 79-10-7), Butyl acrylate (CAS# 141-32-2), Methyl acrylate (CAS# 96-33-3), Nonylphenol and its ethoxylates (CAS# NA – 20), Styrene (CAS# 100-42-5), Vinyl acetate (CAS#108-05-4) and methyl methacrylate (CAS# 80-62-6) are used at the facility to manufacture different adhesive products.

Substance Accounting Details

Source	Acrylic acid (and its salts) (tonnes/yr)			Butyl acrylate (tonnes/yr)		
	2019	2020	% Change	2019	2020	% Change
Enters (total)	>10 to 100	>10 to 100	7.4	>100 to 1000	>100 to 1000	5.49
Created	0	0	-	0	0	
In/on Product	>10 to 100	>10 to 100	7.31	>100 to 1000	>100 to 1000	5.41
Released, as Air Emissions	0	0	-	0	0	-
Released on-site to land	0	0	-	0	0	-
Released to all media	< 1	< 1	0	< 1	< 1	0
Released, for Recycling	0	0	-	0	0	-
Released to Disposal	< 1	< 1	64.09	< 1	< 1	60.27
Transferred for treatment before disposal	< 1	< 1	7.48	< 1	< 1	5.29

Source	Methyl acrylate (tonnes/yr)			Nonylphenol and its ethoxylates (tonnes/yr)		
	2019	2020	% Change	2019	2020	% Change
Enters (total)	>10 to 100	>10 to 100	-26.96	>10	>10	22.08
Created	0	0		0	0	
In/on Product	>10 to 100	>10 to 100	-27.01	>10	>10	-21.39
Released, as Air Emissions	0	0	-	0	0	0
Released on-site to land	0	0	-	0	0	-
Released to all media	< 1	< 1	-25	0	0	-
Released, for Recycling	0	0	-	0	0	-
Released to Disposal	< 1	< 1	11.20	<1	<1	19.56
Transferred for treatment before disposal	< 1	< 1	-26.15	<1	<1	-21.33
Source	**Styrene (tonnes/yr)**			**Vinyl acetate (tonnes/yr)**		
	2019	**2020**	**% Change**	**2019**	**2020**	**% Change**
Enters (total)	>100 to 1,000	>100 to 1,000	16.89	>1,000 to 10,000	>1,000 to 10,000	3.64
Created	0	0		0	0	
In/on Product	>100 to 1,000	>100 to 1,000	16.80	>1,000 to 10,000	>1,000 to 10,000	3.56
Released, as Air Emissions	0	0	-	0	0	-
Released on-site to land	0	0	-	0	0	-
Released to all media	< 1	< 1	14.29	< 1	< 1	-
Released, for Recycling	0	0	-	0	0	-
Released to Disposal	< 1	< 1	77.82	< 1	< 1	57.53
Transferred for treatment before disposal	< 1	< 1	16.79	< 1	< 1	3.49
Source	**Methyl Methacryalte (tonnes/yr)**					
	2019	**2020**	**% Change**			
Enters (total)	>10 to 100	>10 to 100	36.72			
Created	0	0	-			
In/on Product	>10 to 100	>10 to 100	36.61			
Released, as Air Emissions	0	0	-			
Released on-site to land	0	0	-			
Released to all media	< 1	< 1	100			
Released, for Recycling	0	0	-			
Released to Disposal	< 1	< 1	100			
Transferred for treatment before disposal	< 1	< 1	100			

Historical Comparison
Generally, the chemical consumption data shows an increase across the chemical use in 2020 compared to 2019 which is due to customer needs and production amount.

Reduction Plan Objectives and Targets:
Halltech's purpose in undertaking this Toxics Reduction Plan is to identify practical and implementable opportunities to achieve beyond-compliance environmental performance outcomes with respect to the use, creation, release and disposal of the defined toxic substances at the Coronation Drive facility. This Toxic Reduction Plan describes Halltech's approach in finding methods to reduce the consumption and release of defined toxic substances in their production processes.

Reduction Options Under Consideration for Implementation:
Until there are technological advancements in minimizing release of defined toxic substances in production process, no technically or economically feasible option was identified for Halltech.

Additional Actions and Their Impact on Substance Use, Creation and Discharge:
Halltech will continue to follow best operating practices by spill protection and in-house waste management and updating the quality management manual. Halltech will continually review economical methods of chemical consumption and release reduction.

Amendments or Changes to Toxic Reduction Plans During Report Period:
No amendments or changes have been made to the facility's toxics reduction plans.

Certification:

As of September 3, 2021, I, Al Deli, certify that I have read the 2020 accounting report on the toxic substances 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.

Acrylic acid (and its salts)
Butyl acrylate
Methyl acrylate
Methyl Methacrylate
Nonylphenol and its ethoxylates
Styrene
Vinyl acetate

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Al Deli
V.P. Operations, Halltech Inc.
(Highest Ranking Employee)