

The Sherwin-Williams Company
140 Garden Avenue
Brantford, Ontario, Canada N3S 7W4

Ontario's Toxic Reduction Act
Annual Public Reporting Information
June 2020 Update

Facility Details

Facility Name:	The Sherwin-Williams Company
Address:	140 Garden Avenue, Brantford, ON N3S7W4
NPRI Identification Number:	1562
Two Digit NAICS Code:	32 Manufacturing
Four Digit NAICS Code:	3255 Paints, Coatings and Adhesives
Six Digit NAICS Code:	325510 - Paint and Coating Manufacturing
Full Time Employees:	57
UTM Spatial Co-ordinates:	(E) 564198; (N) 4778294; (43.1553, -80.2094)

Public Contact at Facility

Name:	Peter Borse
Position:	Plant Manager
Address:	140 Garden Avenue, Brantford, ON N3S 7W4
Phone Number:	(519) 754-2420

Reported NPRI Toxic Chemicals

Facility Process Description

The facility produces paints, thinners, lacquers and stains through a batch mixing and blending process. The facility also has a research and development laboratory for testing new products.

Substance Information

The substances listed in the table below exceed a certain processing or emission threshold and are used in manufacturing solvent based paints, thinners, lacquers and stains. These substances are contained in raw materials that are stored on site in bulk storage tanks or containers.

Toxic Substance Accounting – Reportable Chemicals: 2018 - 2019

Report Year	Chemical	CAS	On-Site Release (Air Emissions)	Off-Site Transfer for Treatment	Off Site Transfer for Recycling	Used	Created	Contained in Products
			tonnes	tonnes	Tonnes	tonnes	tonnes	tonnes
2018	Xylene	1330-20-7	1.84	0.59	12.1	>100 to 1000	0	>100 to 1000
2019	Xylene	1330-20-7	1.84	0.31	15.94	>100 to 1000	0	>100 to 1000
Difference as %			0%	-47%	32%	21%		21%
2018	Ethylbenzene	100-41-4	0.40	0.107	2.18	>10 to 100	0	>10 to 100
2019	Ethylbenzene	100-41-4	0.40	0.056	2.87	>10 to 100	0	>10 to 100
Difference as %			0%	-48%	31%	22%		23%
2018	Toluene	108-88-3	0.45	0.065	1.35	>10 to 100	0	>10 to 100
2019	Toluene	108-88-3	0.41	0.035	1.78	>10 to 100	0	>10 to 100
Difference as %			-9%	-46%	32%	15%		15%
2018	1,2,4-Trimethylbenzene	95-63-6	0.04	0.048	0.99	>10 to 100	0	>10 to 100
2019	1,2,4-Trimethylbenzene	95-63-6	0.01	0.024	1.21	>10 to 100	0	>10 to 100
Difference as %			-75%	-50%	22%	8%		7%
2018	i-butyl Alcohol	78-83-1	0.33	0.053	1.11	>10 to 100	0	>10 to 100
2019	i-butyl Alcohol	78-83-1	0.31	0.026	1.34	>10 to 100	0	>10 to 100
Difference as %			-6%	-51%	21%	8%		6%
2018	Isopropyl Alcohol	67-63-0	1.34	0.208	2.36	>100 to 1000	0	>100 to 1000
2019	Isopropyl Alcohol	67-63-0	1.49	0.188	3.18	>100 to 1000	0	>100 to 1000
Difference as %			11%	-10%	35%	21%		21%
2018	Methyl Ethyl Ketone	78-93-3	0.254	0.026	0.54	>10 to 100	0	>10 to 100
2019	Methyl Ethyl Ketone	78-93-3	0.26	0.01	0.52	>10 to 100	0	>10 to 100
Difference as %			2%	-62%	-4%	-19%		-19%
2018	N-Butyl Alcohol	71-36-3	0.494	0.171	3.5	>100 to 1000	0	>100 to 1000
2019	N-Butyl Alcohol	71-36-3	0.47	0.08	4.05	>100 to 1000	0	>100 to 1000
Difference as %			-5%	-53%	16%	-1%		-1%
2018	N-Butyl Acetate	123-86-4	6.22	N/A	N/A	>1000 to 10000	0	>1000 to 10000
2019	N-Butyl Acetate	123-86-4	6.0	N/A	N/A	>1000 to 10000	0	>1000 to 10000
Difference as %			9%			11%		
2018	Ethyl Acetate	141-78-6	1.45	N/A	N/A	>100 to 1000	0	>100 to 1000
2018	Ethyl Acetate	141-78-6	1.3	N/A	N/A	>100 to 1000	0	>100 to 1000
Difference as %			-7%			9%		
2018	Ethanol	64-17-5	24.09	N/A	N/A	>1000 to 10000	0	>1000 to 10000

2018	Ethanol	64-17-5	24.5	N/A	N/A	>1000 to 10000	0	>1000 to 10000
Difference as %			2%			15%		
2018	VOC		37.4	N/A	N/A	>1000 to 10000		
2019	VOC		37.4	N/A	N/A	>1000 to 10000		
Difference as %			0%			4%		

Explanation of Change in Quantification of Results:

Facility experienced no significant changes in a majority of listed chemicals as production was similar to 2018. Increased material was sent off-site for recycling and less material was sent for treatment. The facility continued to utilize opportunities to convert unused material into useful products and to reduce and reuse material when possible.

Objectives and Targets:

Continue to pursue opportunities to replace toxic substances in product formulation with less hazardous materials. Continue to pursue process improvements that will result in reductions in the quantity of toxic substances used, released, transferred or disposed of from the facility.

Toxic Reduction Plan Progress:

No use quantity or timeline targets established. No additional actions implemented. No amendments were made to the plan.