

**The Sherwin-Williams Company**  
224 Catherine Street  
Fort Erie, Ontario, Canada L2A 5M9

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

**Facility Details**

Facility Name:	The Sherwin-Williams Company
Address:	224 Catherine Street, Fort Erie, On L2A 0B1
NPRI Identification Number:	1931
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:	48
UTM Spatial Co-ordinates:	(E) 668902; (N) 4753731; (42.9175; -78.9306)

**Public Contact at Facility**

Name:	Charlene Ptachyk
Position:	Plant Manager
Address:	224 Catherine Street, Fort Erie, On L2A 5M9
Phone Number:	(407) 988-9133

**Reported NPRI Toxic Chemicals**

**Facility Process Description**

The facility produces paints, varnishes, stains, lacquers and related products through a batch mixing and blending process. The facility also includes a training centre for demonstration of paint application technology.

**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 materials are stored on site in bulk storage tanks and 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 – Solvent Recovery	Used	Created	Contained in Products
			tonnes	tonnes	tonnes	tonnes	tonnes	tonnes
2018	Xylene	1330-20-7	0.867	0.132	54.667	>100 to 1000	0	>100 to 1000
2019	Xylene	1330-20-7	0.93	0.663	23.2	>100 to 1000	0	>100 to 1000
Difference as %			7%	402%	-58%	10%		22%
2018	Ethylbenzene	100-41-4	0.177	0.023	9.632	>10 to 100	0	>10 to 100
2019	Ethylbenzene	100-41-4	0.19	0.13	3.6	>10 to 100	0	>10 to 100
Difference as %			7%	465%	-63%	11%		25%
2018	Toluene	108-88-3	4.765	0.138	52.9	>100 to 1000	0	>100 to 1000
2019	Toluene	108-88-3	4.3	0.61	37.3	>100 to 1000	0	>100 to 1000
Difference as %			-10%	342%	-29%	-6%		-2%
2018	1,2,4-Trimethylbenzene	95-63-6	0.017	0.05	1.94	> 10 to 100	0	> 10 to 100
2019	1,2,4-Trimethylbenzene	95-63-6	0.018	0.04	0.73	> 10 to 100	0	> 10 to 100
Difference as %			6%	-18%	-62%	5%		17%
2018	2-Butoxyethanol	111-76-2	0.015	0.1	0.347	>10 to 100	0	>10 to 100
2019	2-Butoxyethanol	111-76-2	0.01	0.17	0.33	>10 to 100	0	>10 to 100
Difference as %			-33%	70%	-5%	-18%		-18%
2018	i-butyl Alcohol	78-83-1	1.524	0.066	3.721	>100 to 1000	0	>100 to 1000
2019	i-butyl Alcohol	78-83-1	1.16	0.29	1.91	>100 to 1000	0	>100 to 1000
Difference as %			-24%	339%	-49%	-11%		-10%
2018	Dibutyl Phthalate	84-74-2	0.000	0.013	0.177	>10 to 100	0	>10 to 100
2019	Dibutyl Phthalate	84-74-2	0.000	0.06	0.19	>10 to 100	0	>10 to 100
Difference as %			0%	362%	7%	-9%		-9%
2018	N-Hexane	110-54-3	6.702	0.136	0.076	> 10 to 100	0	> > 100 to 1000
2019	N-Hexane	110-54-3	8.98	0.26	2.1	> 100 to 1000	0	> 100 to 1000
Difference as %			34%	341%	176%	-20%		-24%
2018	Isopropyl alcohol	67-63-0	7.885	0.249	8.915	>100 to 1000	0	>100 to 1000
2019	Isopropyl alcohol	67-63-0	6.11	1.04	8.2	>100 to 1000	0	>100 to 1000
Difference as %			-23%	318%	-8%	-12%		-13%
2018	Methanol	67-56-1	0.591	0.013	7.213	> 10 to 100	0	> 10 to 100
2019	Methanol	67-56-1	0.54	0.05	6.6	> 10 to 100	0	> 10 to 100

Difference as %			-9%	285%	-9%	-18%		-20%
2018	Methyl Ethyl Ketone	78-93-3	5.805	0.069	31.135	>100 to 1000	0	>100 to 1000
2019	Methyl Ethyl Ketone	78-93-3	4.36	0.23	19.3	>100 to 1000	0	>100 to 1000
Difference as %			-25%	233%	-38%	-20%		-16%
2018	Methyl Isobutyl Ketone	108-10-1	0.391	0.027	3.215	>10 to 100	0	>10 to 100
2019	Methyl Isobutyl Ketone	108-10-1	0.35	0.11	2.0	>10 to 100	0	>10 to 100
Difference as %			-10%	307%	-38%	-16%		-15%
2018	N-Butyl Alcohol	71-36-3	1.048	0.209	6.603	>100 to 1000	0	>100 to 1000
2019	N-Butyl Alcohol	71-36-3	1.024	1.02	5.3	>100 to 1000	0	>100 to 1000
Difference as %			-3%	388%	-20%	1%		1%
2018	Sulfuric Acid	7664-93-9	0.000	0.007	0.094	>10 to 100	0	>10 to 100
2019	Sulfuric Acid	7664-93-9	0.000	0.05	0.12	>10 to 100	0	>10 to 100
Difference as %			0%	614%	28%	9%		9%
2018	N-Butyl Acetate	123-86-4	11.003	N/A	N/A	>1000 to 10000	0	>1000 to 10000
2019	N-Butyl Acetate	123-86-4	9.53	N/A	N/A	>1000 to 10000	0	>1000 to 10000
Difference as %			-15%			-10%		
2018	Ethyl Acetate	141-78-6	5.99	N/A	N/A	>100 to 1000	0	>100 to 1000
2019	Ethyl Acetate	141-78-6	5.58	N/A	N/A	>100 to 1000	0	>100 to 1000
Difference as %			-7%			-7%		
2018	Ethanol	64-17-5	10.798	N/A	N/A	>100 to 1000	0	>100 to 1000
2019	Ethanol	64-17-5	9.91	N/A	N/A	>100 to 1000	0	>100 to 1000
Difference as %			-8%			-6%		
			kg	kg	kg	kg	kg	kg
2018	Cobalt (and compounds)	NA-05	0.004	0.1	1.1	>100 to 1000	0	>100 to 1000
2019	Cobalt (and compounds)	NA-05	0.003	0.2	1.0	>100 to 1000	0	>100 to 1000
Difference as %			-25%	100%	-9%	-9%		-9%

#### Explanation of change in quantification of results:

Usage of certain materials increased/decreased due to increases/decreases in production demand for formulas with those materials. Offsite transfers for treatment increased and the composition of the materials sent for recycling in 2019 changed. Facility continued to pursue opportunities to convert unused material into useful products for sale.

#### 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.