



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

Ontario's Toxic Reduction Act
Annual Public Reporting Information
June 2018 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: 2016 - 2017

| 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 |
| 2016 | Xylene | 1330-20-7 | 1.77 | 0.471 | 9.766 | >100 to 1000 | 0 | >100 to 1000 |
| 2017 | Xylene | 1330-20-7 | 1.82 | 0.54 | 9.55 | >100 to 1000 | 0 | >100 to 1000 |
| Difference as % | | | 2.82% | 14.65% | -2.21% | 4.52% | | 4.65% |
| 2016 | Ethylbenzene | 100-41-4 | 0.37 | 0.084 | 1.748 | >10 to 100 | 0 | >10 to 100 |
| 2017 | Ethylbenzene | 100-41-4 | 0.39 | 0.098 | 1.732 | >10 to 100 | 0 | >10 to 100 |
| Difference as % | | | 5.41% | 16.67% | -0.92% | 5.06% | | 5.19% |
| 2016 | Toluene | 108-88-3 | 0.53 | 0.077 | 1.594 | >10 to 100 | 0 | >10 to 100 |
| 2017 | Toluene | 108-88-3 | 0.45 | 0.073 | 1.291 | >10 to 100 | 0 | >10 to 100 |
| Difference as % | | | -15.09% | -5.19% | -19.01% | -14.32% | | -14.5% |
| 2016 | 1,2,4-Trimethylbenzene | 95-63-6 | 0.01 | 0.03 | 0.597 | >10 to 100 | 0 | >10 to 100 |
| 2017 | 1,2,4-Trimethylbenzene | 95-63-6 | 0.04 | 0.04 | 0.699 | >10 to 100 | 0 | >10 to 100 |
| Difference as % | | | 300% | 33.33% | -17.09% | 26.28% | | 25.87% |
| 2016 | i-butyl Alcohol | 78-83-1 | 0.28 | 0.033 | 0.691 | >10 to 100 | 0 | >10 to 100 |
| 2017 | i-butyl Alcohol | 78-83-1 | 0.31 | 0.04 | 0.699 | >10 to 100 | 0 | >10 to 100 |
| Difference as % | | | 10% | 21.21% | 1.16% | 8.19% | | 8.43% |
| 2016 | Acetone | 67-64-1 | 5.33 | N/A | N/A | >100 to 1000 | 0 | >100 to 1000 |
| 2017 | Acetone | 67-64-1 | 4.71 | N/A | N/A | >100 to 1000 | 0 | >100 to 1000 |
| Difference as % | | | -11.63% | | | -3.96% | | |
| 2016 | Isopropyl Alcohol | 67-63-0 | 1.32 | 0.273 | 2.168 | >100 to 1000 | 0 | >100 to 1000 |
| 2017 | Isopropyl Alcohol | 67-63-0 | 1.25 | 0.202 | 1.907 | >100 to 1000 | 0 | >100 to 1000 |
| Difference as % | | | -5.3% | -26.01% | -12.04% | -7.94% | | -8.35% |
| 2016 | Methyl Ethyl Ketone | 78-93-3 | 0.33 | 0.02 | 0.369 | >10 to 100 | 0 | >10 to 100 |
| 2017 | Methyl Ethyl Ketone | 78-93-3 | 0.272 | 0.023 | 0.409 | >10 to 100 | 0 | >10 to 100 |
| Difference as % | | | -17.58% | 15% | 10.84% | 1.38% | | 0.48% |
| 2016 | N-Butyl Alcohol | 71-63-3 | 0.46 | 0.131 | 2.441 | >100 to 1000 | 0 | >100 to 1000 |
| 2017 | N-Butyl Alcohol | 71-63-3 | 0.467 | 0.15 | 2.655 | >100 to 1000 | 0 | >100 to 1000 |
| Difference as % | | | 1.52% | 14.5% | 8.77% | 5.22% | | 5.59% |
| 2016 | N-Butyl Acetate | 123-86-4 | 5.74 | N/A | N/A | >1000 to 10000 | 0 | >1000 to 10000 |
| 2017 | N-Butyl Acetate | 123-86-4 | 5.72 | N/A | N/A | >1000 to 10000 | 0 | >1000 to 10000 |
| Difference as % | | | -0.35% | | | 0.6% | | |
| 2016 | Ethyl Acetate | 141-78-6 | 1.95 | N/A | N/A | >100 to 1000 | 0 | >100 to 1000 |
| 2017 | Ethyl Acetate | 141-78-6 | 1.57 | N/A | N/A | >100 to 1000 | 0 | >100 to 1000 |

| | | | | | | | | |
|-----------------|---------|---------|---------|-----|-----|----------------|---|----------------|
| Difference as % | | | -19.49% | | | -8.21% | | |
| 2016 | Ethanol | 64-17-5 | 21.73 | N/A | N/A | >1000 to 10000 | 0 | >1000 to 10000 |
| 2017 | Ethanol | 64-17-5 | 22.61 | N/A | N/A | >1000 to 10000 | 0 | >1000 to 10000 |
| Difference as % | | | 4.05% | | | -1.01% | | |

Explanation of Change in Quantification of Results:

Facility experienced no significant changes in a majority of listed chemicals as production was similar to 2016. For certain listed chemicals demand increased/decreased which caused emissions and transfers to increase/decrease. 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.