

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation
Jun 9, 2023

13 00 [2819]

PRODUCT NUMBER

GP4638A01

PRODUCT NAME

Resutile™ 4638 HS Polyurethane Floor Enamel (Part A), Clear

MANUFACTURER'S NAME

THE SHERWIN-WILLIAMS COMPANY
101 W. Prospect Avenue
Cleveland, OH 44115

This document includes all data required by 40 CFR 63.801(a) for a Certified Product Data Sheet under criteria specified in 40 CFR 63.805(a). All data given below are MAXIMUM THEORETICAL VALUES based on the product AS CURRENTLY FORMULATED. Variations may occur on individual batches due to adjustments made during production.

Hazard Category (for SARA 311.312)

GP4638A01 = | Acute | Chronic | Fire |

Product Weight

8.76 lb/gal

Specific Gravity

1.05

FLASH POINT

98 °F PMCC

AS MIXED (as per product data sheet): catalyzed 2:1 part A to part B; unreduced

AS MIXED

Product Weight

8.96 lb/gal

Specific Gravity

1.08

FLASH POINT

89 °F TCC

Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
p-Chlorobenzotrifluoride 98-56-6	N	N	N	N	5	4
Methyl n-Amyl Ketone 110-43-0	N	N	N	N	13	17
n-Butyl Acetate 123-86-4	N	Y	N	N	13	16

Volatile Ingredients AS MIXED

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
p-Chlorobenzotrifluoride 98-56-6	N	N	N	N	3	2
Methyl n-Amyl Ketone 110-43-0	N	N	N	N	9	11
n-Butyl Acetate 123-86-4	N	Y	N	N	12	15

Volatile Organic Compounds - U.S. EPA / Canada

	GP4638A01		AS MIXED catalyzed 2:1 part A to part B; unreduced	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	8.76	1049	8.96	1073
	By wt	By vol	By wt	By vol
Total Volatiles	33.0%	39.0%	25.0%	30.2%
Federally exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
P-Chlorobenzotrifluoride	4.7%	3.7%	3.0%	2.4%
Organic Volatiles	28.3%	35.3%	21.9%	27.8%
Percent Non-Volatile	67.0%	61.0%	75.0%	69.8%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	2.48	297	1.96	235
Less exempt solvents	2.57	308	2.01	241
Of solids	4.06	486	2.81	337
Of solids	0.42 lb/lb	0.42 kg/kg	0.29 lb/lb	0.29 kg/kg
	By wt		By wt	
By wt LVP-VOC	27.4%		21.3%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.53**

AS MIXED Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.36**

Volatile Organic Compounds - California

	GP4638A01		AS MIXED catalyzed 2:1 part A to part B; unreduced	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	8.76	1049	8.96	1073
	By wt	By vol	By wt	By vol
Total Volatiles	33.0%	39.0%	25.0%	30.2%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
P-Chlorobenzotrifluoride	4.7%	3.7%	3.0%	2.4%
Organic Volatiles	28.3%	35.3%	21.9%	27.8%
Percent Non-Volatile	67.0%	61.0%	75.0%	69.8%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	2.48	297	1.96	235
Less exempt solvents	2.57	308	2.01	241
Of solids	4.06	486	2.81	337
Of solids	0.42 lb/lb	0.42 kg/kg	0.29 lb/lb	0.29 kg/kg
	By wt		By wt	
By wt LVP-VOC	27.4%		21.3%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.45**

AS MIXED Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.31**

Volatile Organic Compounds - South Coast Air Quality Management District, California, US

	GP4638A01		AS MIXED catalyzed 2:1 part A to part B; unreduced	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	8.76	1049	8.96	1073
	By wt	By vol	By wt	By vol
Total Volatiles	33.0%	39.0%	25.0%	30.2%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
P-Chlorobenzotrifluoride	4.7%	3.7%	3.0%	2.4%
Organic Volatiles	28.3%	35.3%	21.9%	27.8%
Percent Non-Volatile	67.0%	61.0%	75.0%	69.8%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	2.48	297	1.96	235
Less exempt solvents	2.57	308	2.01	241
Of solids	4.06	486	2.81	337
Of solids	0.42 lb/lb	0.42 kg/kg	0.29 lb/lb	0.29 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	GP4638A01		AS MIXED catalyzed 2:1 part A to part B; unreduced	
	By wt	By vol	By wt	By vol
Total Volatiles	33.1%	39.1%	25.1%	30.3%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	2.89	347	2.24	268

Volatile Organic Compounds - EU Directive 2010/75/EU

	GP4638A01		AS MIXED catalyzed 2:1 part A to part B; unreduced	
	By wt	By vol	By wt	By vol
Total Volatiles	33.0%	39.0%	25.0%	30.2%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	2.88	346	2.23	268

Volatile Organic Compounds - Mexico

	GP4638A01		AS MIXED catalyzed 2:1 part A to part B; unreduced	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	8.76	1049	8.96	1073
	By wt	By vol	By wt	By vol
Total Volatiles	33.0%	39.0%	25.0%	30.2%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	33.0%	39.0%	25.0%	30.2%
Percent Non-Volatile	67.0%	61.0%	75.0%	69.8%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	2.88	346	2.23	268
Less exempt solvents	2.88	346	2.23	268
Of solids	4.73	567	3.20	384
Of solids	0.49 lb/lb	0.49 kg/kg	0.33 lb/lb	0.33 kg/kg

Hazardous Air Pollutants (Clean Air Act, Section 112(b))

	GP4638A01		AS MIXED catalyzed 2:1 part A to part B; unreduced	
	LB/Gal	kg/L	LB/Gal	kg/L
Volatile HAPS	0.00	0.000	0.00	0.000
Of solids	0.00	0.000	0.00	0.000
Of solids	0.00 lb/lb	0.00 kg/kg	0.00 lb/lb	0.00 kg/kg

Air Quality Data

Density of Organic Solvent Blend

7.42 lb/gal

Photochemically Reactive

No

Density of Organic Solvent Blend AS MIXED

7.41 lb/gal

Photochemically Reactive AS MIXED

No

Additional Regulatory Information

US EPA TSCA:

Not Applicable

Relevant identified uses of the substance or mixture and uses advised against:

Not Applicable

US EPA TSCA: AS MIXED

Not Applicable

Relevant identified uses of the substance or mixture and uses advised against: AS MIXED

Not Applicable

Waste Disposal

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

Addition of reducers or other additives to this product may substantially alter the above data. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.