

# ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation

Jan 17, 2024

16 00 [0174]

## PRODUCT NUMBER

GP4638W01

## PRODUCT NAME

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

## 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)

GP4638W01 = | Acute | Chronic | Fire |

## Product Weight

11.19 lb/gal

## Specific Gravity

1.35

## FLASH POINT

98 °F PMCC

AS MIXED (as per product data sheet): catalyzed 2:1 part A to part B, not reduced

## AS MIXED

## Product Weight

10.58 lb/gal

## Specific Gravity

1.27

## FLASH POINT

84 °F TCC

## Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Ethylbenzene 100-41-4	N	Y	Y	Y	0.1	< 1
Methyl n-Amyl Ketone 110-43-0	N	N	N	N	6	9
n-Butyl Acetate 123-86-4	N	Y	N	N	11	17
1-Methoxy-2-Propanol Acetate 108-65-6	N	N	N	N	4	6

## Volatile Ingredients AS MIXED

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Methyl n-Amyl Ketone 110-43-0	N	N	N	N	4	6
n-Butyl Acetate 123-86-4	N	Y	N	N	11	15
1-Methoxy-2-Propanol Acetate 108-65-6	N	N	N	N	3	4

**Volatile Organic Compounds - U.S. EPA / Canada**

	GP4638W01		AS MIXED catalyzed 2:1 part A to part B, not reduced	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	11.19	1340	10.58	1267
	By wt	By vol	By wt	By vol
Total Volatiles	22.6%	35.0%	18.9%	27.5%
Federally exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	22.6%	35.0%	18.9%	27.5%
Percent Non-Volatile	77.4%	65.0%	81.1%	72.5%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	2.52	302	1.99	239
Less exempt solvents	2.52	302	1.99	239
Of solids	3.88	465	2.75	330
Of solids	0.29 lb/lb	0.29 kg/kg	0.23 lb/lb	0.23 kg/kg
	By wt		By wt	
By wt LVP-VOC	21.8%		18.3%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.37**

AS MIXED Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.28**

**Volatile Organic Compounds - California**

	GP4638W01		AS MIXED catalyzed 2:1 part A to part B, not reduced	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	11.19	1340	10.58	1267
	By wt	By vol	By wt	By vol
Total Volatiles	22.6%	35.0%	18.9%	27.5%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	22.6%	35.0%	18.9%	27.5%
Percent Non-Volatile	77.4%	65.0%	81.1%	72.5%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	2.52	302	1.99	239
Less exempt solvents	2.52	302	1.99	239
Of solids	3.88	465	2.75	330
Of solids	0.29 lb/lb	0.29 kg/kg	0.23 lb/lb	0.23 kg/kg
	By wt		By wt	
By wt LVP-VOC	21.8%		18.3%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.34**

AS MIXED Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.26**

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

	GP4638W01		AS MIXED catalyzed 2:1 part A to part B, not reduced	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	11.19	1340	10.58	1267
	By wt	By vol	By wt	By vol
Total Volatiles	22.6%	35.0%	18.9%	27.5%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	22.6%	35.0%	18.9%	27.5%
Percent Non-Volatile	77.4%	65.0%	81.1%	72.5%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	2.52	302	1.99	239
Less exempt solvents	2.52	302	1.99	239
Of solids	3.88	465	2.75	330
Of solids	0.29 lb/lb	0.29 kg/kg	0.23 lb/lb	0.23 kg/kg

**Volatile Organic Compounds - EU Directive 2004/42/EC**

	GP4638W01		AS MIXED catalyzed 2:1 part A to part B, not reduced	
	By wt	By vol	By wt	By vol
Total Volatiles	22.7%	35.1%	19.0%	27.6%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	2.54	304	2.00	240

**Volatile Organic Compounds - EU Directive 2010/75/EU**

	GP4638W01		AS MIXED catalyzed 2:1 part A to part B, not reduced	
	By wt	By vol	By wt	By vol
Total Volatiles	22.6%	35.0%	18.9%	27.5%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	2.52	302	1.99	239

**Volatile Organic Compounds - Mexico**

	GP4638W01		AS MIXED catalyzed 2:1 part A to part B, not reduced	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	11.19	1340	10.58	1267
	By wt	By vol	By wt	By vol
Total Volatiles	22.6%	35.0%	18.9%	27.5%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	22.6%	35.0%	18.9%	27.5%
Percent Non-Volatile	77.4%	65.0%	81.1%	72.5%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	2.52	302	1.99	239
Less exempt solvents	2.52	302	1.99	239
Of solids	3.88	465	2.75	330
Of solids	0.29 lb/lb	0.29 kg/kg	0.23 lb/lb	0.23 kg/kg

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

	GP4638W01		AS MIXED catalyzed 2:1 part A to part B, not reduced	
	LB/Gal	kg/L	LB/Gal	kg/L
Volatile HAPS	0.01	0.001	0.00	0.000
Of solids	0.01	0.002	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**

7.23 lb/gal

**Photochemically Reactive**

No

**Density of Organic Solvent Blend AS MIXED**

7.25 lb/gal

**Photochemically Reactive AS MIXED**

No

### 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.