

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation

Jun 8, 2023

12 00 [2899]

PRODUCT NUMBER

GP4638T04

PRODUCT NAME

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

GP4638T04 = | Acute | Chronic | Fire |

Product Weight

10.28 lb/gal

Specific Gravity

1.24

FLASH POINT

102 °F PMCC

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

AS MIXED

Product Weight

9.97 lb/gal

Specific Gravity

1.20

FLASH POINT

77 °F TCC

Volatile Ingredients

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	6	9
n-Butyl Acetate 123-86-4	N	Y	N	N	12	17
1-Methoxy-2-Propanol Acetate 108-65-6	N	N	N	N	4	6
t-Butyl Acetate 540-88-5	N	Y	N	N	1	2

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	16
1-Methoxy-2-Propanol Acetate 108-65-6	N	N	N	N	3	4

Volatile Organic Compounds - U.S. EPA / Canada

	GP4638T04		AS MIXED Catalyzed 2:1, part A to part B; not reduced	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	10.28	1231	9.97	1194
	By wt	By vol	By wt	By vol
Total Volatiles	25.7%	36.5%	20.8%	28.6%
Federally exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
T-Butyl Acetate	1.1%	1.5%	0.7%	1.0%
Organic Volatiles	24.6%	35.0%	20.0%	27.6%
Percent Non-Volatile	74.3%	63.5%	79.2%	71.4%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	2.53	303	1.99	239
Less exempt solvents	2.56	307	2.01	241
Of solids	3.98	477	2.79	335
Of solids	0.33 lb/lb	0.33 kg/kg	0.25 lb/lb	0.25 kg/kg
	By wt		By wt	
By wt LVP-VOC	23.8%		19.5%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.39**

AS MIXED Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.30**

Volatile Organic Compounds - California

	GP4638T04		AS MIXED Catalyzed 2:1, part A to part B; not reduced	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	10.28	1231	9.97	1194
	By wt	By vol	By wt	By vol
Total Volatiles	25.7%	36.5%	20.8%	28.6%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	25.7%	36.5%	20.8%	28.6%
Percent Non-Volatile	74.3%	63.5%	79.2%	71.4%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	2.64	316	2.07	248
Less exempt solvents	2.64	316	2.07	248
Of solids	4.16	498	2.90	347
Of solids	0.34 lb/lb	0.34 kg/kg	0.26 lb/lb	0.26 kg/kg
	By wt		By wt	
By wt LVP-VOC	24.9%		20.2%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.36**

AS MIXED Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.27**

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

	GP4638T04		AS MIXED Catalyzed 2:1, part A to part B; not reduced	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	10.28	1231	9.97	1194
	By wt	By vol	By wt	By vol
Total Volatiles	25.7%	36.5%	20.8%	28.6%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	25.7%	36.5%	20.8%	28.6%
Percent Non-Volatile	74.3%	63.5%	79.2%	71.4%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	2.64	316	2.07	248
Less exempt solvents	2.64	316	2.07	248
Of solids	4.16	498	2.90	347
Of solids	0.34 lb/lb	0.34 kg/kg	0.26 lb/lb	0.26 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	GP4638T04		AS MIXED Catalyzed 2:1, part A to part B; not reduced	
	By wt	By vol	By wt	By vol
Total Volatiles	25.8%	36.7%	20.9%	28.7%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	2.65	318	2.08	249

Volatile Organic Compounds - EU Directive 2010/75/EU

	GP4638T04		AS MIXED Catalyzed 2:1, part A to part B; not reduced	
	By wt	By vol	By wt	By vol
Total Volatiles	25.7%	36.5%	20.8%	28.6%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	2.64	316	2.07	248

Volatile Organic Compounds - Mexico

	GP4638T04		AS MIXED Catalyzed 2:1, part A to part B; not reduced	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	10.28	1231	9.97	1194
	By wt	By vol	By wt	By vol
Total Volatiles	25.7%	36.5%	20.8%	28.6%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	25.7%	36.5%	20.8%	28.6%
Percent Non-Volatile	74.3%	63.5%	79.2%	71.4%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	2.64	316	2.07	248
Less exempt solvents	2.64	316	2.07	248
Of solids	4.16	498	2.90	347
Of solids	0.34 lb/lb	0.34 kg/kg	0.26 lb/lb	0.26 kg/kg

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

	GP4638T04		AS MIXED Catalyzed 2:1, part A to part B; not reduced	
	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

7.23 lb/gal

Photochemically Reactive

No

Density of Organic Solvent Blend AS MIXED

7.25 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.