

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation
Oct 31, 2023

05 00 [0788]

PRODUCT NUMBER

GP4687A61

PRODUCT NAME

Resutile™ 4687 Ultra High Solids Aliphatic Urethane (Part A), Black

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)

GP4687A61 = | Acute | Chronic | Fire |

Product Weight

10.06 lb/gal

Specific Gravity

1.21

FLASH POINT

60 °F PMCC

AS MIXED (as per product data sheet): CATALYZED 2 PARTS GP4687A61 TO 1 PART GP4685B01

AS MIXED

Product Weight

9.81 lb/gal

Specific Gravity

1.18

FLASH POINT

41 °F TCC

Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
2,4-Pentanedione 123-54-6	N	N	N	N	2	2
t-Butyl Acetate 540-88-5	N	Y	N	N	13	18

Volatile Ingredients AS MIXED

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
2,4-Pentanedione 123-54-6	N	N	N	N	1	1
t-Butyl Acetate 540-88-5	N	Y	N	N	9	12

Volatile Organic Compounds - U.S. EPA / Canada

	GP4687A61		AS MIXED CATALYZED 2 PARTS GP4687A61 TO 1 PART GP4685B01	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	10.06	1205	9.81	1176
	By wt	By vol	By wt	By vol
Total Volatiles	16.1%	22.0%	11.0%	14.7%
Federally exempt solvents				
Water	0.4%	0.5%	0.3%	0.4%
T-Butyl Acetate	13.1%	18.2%	8.9%	12.2%
Organic Volatiles	2.6%	3.3%	1.8%	2.2%
Percent Non-Volatile	83.9%	78.0%	89.0%	85.3%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	0.26	31	0.17	21
Less exempt solvents	0.32	39	0.20	24
Of solids	0.34	40	0.20	24
Of solids	0.03 lb/lb	0.03 kg/kg	0.02 lb/lb	0.02 kg/kg
	By wt		By wt	
By wt LVP-VOC	2.6%		1.8%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.06**

AS MIXED Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.04**

Volatile Organic Compounds - California

	GP4687A61		AS MIXED CATALYZED 2 PARTS GP4687A61 TO 1 PART GP4685B01	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	10.06	1205	9.81	1176
	By wt	By vol	By wt	By vol
Total Volatiles	16.1%	22.0%	11.0%	14.7%
Exempt solvents				
Water	0.4%	0.5%	0.3%	0.4%
Organic Volatiles	15.7%	21.5%	10.7%	14.3%
Percent Non-Volatile	83.9%	78.0%	89.0%	85.3%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	1.57	189	1.05	126
Less exempt solvents	1.58	190	1.05	126
Of solids	2.02	242	1.23	147
Of solids	0.18 lb/lb	0.18 kg/kg	0.12 lb/lb	0.12 kg/kg
	By wt		By wt	
By wt LVP-VOC	15.7%		10.7%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.06**

AS MIXED Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.04**

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

	GP4687A61		AS MIXED CATALYZED 2 PARTS GP4687A61 TO 1 PART GP4685B01	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	10.06	1205	9.81	1176
	By wt	By vol	By wt	By vol
Total Volatiles	16.1%	22.0%	11.0%	14.7%
Exempt solvents				
Water	0.4%	0.5%	0.3%	0.4%
Organic Volatiles	15.7%	21.5%	10.7%	14.3%
Percent Non-Volatile	83.9%	78.0%	89.0%	85.3%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	1.57	189	1.05	126
Less exempt solvents	1.58	190	1.05	126
Of solids	2.02	242	1.23	147
Of solids	0.18 lb/lb	0.18 kg/kg	0.12 lb/lb	0.12 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	GP4687A61		AS MIXED CATALYZED 2 PARTS GP4687A61 TO 1 PART GP4685B01	
	By wt	By vol	By wt	By vol
Total Volatiles	16.4%	22.3%	11.2%	14.9%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	1.60	192	1.06	128

Volatile Organic Compounds - EU Directive 2010/75/EU

	GP4687A61		AS MIXED CATALYZED 2 PARTS GP4687A61 TO 1 PART GP4685B01	
	By wt	By vol	By wt	By vol
Total Volatiles	16.1%	22.0%	11.0%	14.7%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	1.57	189	1.05	126

Volatile Organic Compounds - Mexico

	GP4687A61		AS MIXED CATALYZED 2 PARTS GP4687A61 TO 1 PART GP4685B01	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	10.06	1205	9.81	1176
	By wt	By vol	By wt	By vol
Total Volatiles	16.1%	22.0%	11.0%	14.7%
Exempt solvents				
Water	0.4%	0.5%	0.3%	0.4%
Organic Volatiles	15.7%	21.5%	10.7%	14.3%
Percent Non-Volatile	83.9%	78.0%	89.0%	85.3%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	1.57	189	1.05	126
Less exempt solvents	1.58	190	1.05	126
Of solids	2.02	242	1.23	147
Of solids	0.18 lb/lb	0.18 kg/kg	0.12 lb/lb	0.12 kg/kg

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

	GP4687A61		AS MIXED CATALYZED 2 PARTS GP4687A61 TO 1 PART GP4685B01	
	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

7.34 lb/gal

Photochemically Reactive

No

Density of Organic Solvent Blend AS MIXED

7.34 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.