

# ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

07 00 [3112]

Date of Preparation  
Nov 7, 2022

**PRODUCT NUMBER**

GP4700A01

**PRODUCT NAME**

Resutile™ 4700 Instant Patch Resin (Part A)

**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)**

GP4700A01 = | Acute | Chronic | Fire |

**Product Weight**

9.27 lb/gal

**Specific Gravity**

1.12

**FLASH POINT**

185 °F PMCC

**AS MIXED (as per product data sheet): catalyzed**

**AS MIXED**

**Product Weight**

8.47 lb/gal

**Specific Gravity**

1.02

**FLASH POINT**

22 °F TCC

**Volatile Ingredients**

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Light Aliphatic Hydrocarbon 64742-47-8	N	N	N	N	4	5
Heavy Aromatic Naphtha 64742-94-5	N	N	N	N	13	17
Naphthalene 91-20-3	N	Y	Y	Y	2	2

**Non-Volatile Ingredients**

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
4, 4'-Diphenylmethane Diisocyanate 101-68-8	N	Y	Y	Y	49	45
Diphenylmethane Diisocyanate Polymer 9016-87-9	N	N	Y	N	11	9

**Volatile Ingredients AS MIXED**

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Light Aliphatic Hydrocarbon 64742-47-8	N	N	N	N	2	3
Mineral Spirits 140-Flash 64742-88-7	N	N	N	N	5	7
Heavy Aromatic Naphtha 64742-94-5	N	N	N	N	23	28
Naphthalene 91-20-3	N	Y	Y	Y	4	3

## Non-Volatile Ingredients AS MIXED

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
4, 4'-Diphenylmethane Diisocyanate 101-68-8	N	Y	Y	Y	27	22
Diphenylmethane Diisocyanate Polymer 9016-87-9	N	N	Y	N	6	5

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

	GP4700A01		AS MIXED catalyzed	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	9.27	1111	8.47	1015
	By wt	By vol	By wt	By vol
Total Volatiles	19.5%	24.9%	35.8%	42.1%
Federally exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Acetone			0.5%	0.7%
Organic Volatiles	19.5%	24.9%	35.2%	41.4%
Percent Non-Volatile	80.5%	75.1%	64.2%	57.9%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	1.81	217	2.98	357
Less exempt solvents	1.81	217	3.00	360
Of solids	2.41	289	5.15	617
Of solids	0.24 lb/lb	0.24 kg/kg	0.54 lb/lb	0.54 kg/kg
	By wt		By wt	
By wt LVP-VOC	0.5%		6.2%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.62**

AS MIXED Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **1.10**

## Volatile Organic Compounds - California

	GP4700A01		AS MIXED catalyzed	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	9.27	1111	8.47	1015
	By wt	By vol	By wt	By vol
Total Volatiles	19.5%	24.9%	35.8%	42.1%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Acetone			0.5%	0.7%
Organic Volatiles	19.5%	24.9%	35.2%	41.4%
Percent Non-Volatile	80.5%	75.1%	64.2%	57.9%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	1.81	217	2.98	357
Less exempt solvents	1.81	217	3.00	360
Of solids	2.41	289	5.15	617
Of solids	0.24 lb/lb	0.24 kg/kg	0.54 lb/lb	0.54 kg/kg
	By wt		By wt	
By wt LVP-VOC	0.5%		6.2%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.62**

AS MIXED Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **1.11**

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

	GP4700A01		AS MIXED catalyzed	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	9.27	1111	8.47	1015
	By wt	By vol	By wt	By vol
Total Volatiles	19.5%	24.9%	35.8%	42.1%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Acetone			0.5%	0.7%
Organic Volatiles	19.5%	24.9%	35.2%	41.4%
Percent Non-Volatile	80.5%	75.1%	64.2%	57.9%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	1.81	217	2.98	357
Less exempt solvents	1.81	217	3.00	360
Of solids	2.41	289	5.15	617
Of solids	0.24 lb/lb	0.24 kg/kg	0.54 lb/lb	0.54 kg/kg

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

	GP4700A01		AS MIXED catalyzed	
	By wt	By vol	By wt	By vol
Total Volatiles	19.5%	24.9%	35.8%	42.1%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	1.81	217	3.03	363

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

	GP4700A01		AS MIXED catalyzed	
	By wt	By vol	By wt	By vol
Total Volatiles	19.5%	24.9%	35.8%	42.1%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	1.81	217	3.03	363

**Volatile Organic Compounds - Mexico**

	GP4700A01		AS MIXED catalyzed	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	9.27	1111	8.47	1015
	By wt	By vol	By wt	By vol
Total Volatiles	19.5%	24.9%	35.8%	42.1%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Acetone			0.5%	0.7%
Organic Volatiles	19.5%	24.9%	35.2%	41.4%
Percent Non-Volatile	80.5%	75.1%	64.2%	57.9%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	1.81	217	2.98	357
Less exempt solvents	1.81	217	3.00	360
Of solids	2.41	289	5.15	617
Of solids	0.24 lb/lb	0.24 kg/kg	0.54 lb/lb	0.54 kg/kg

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

	GP4700A01		AS MIXED catalyzed	
	LB/Gal	kg/L	LB/Gal	kg/L
Volatile HAPS	0.18	0.022	0.30	0.036
Of solids	0.25	0.030	0.52	0.063
Of solids	0.02 lb/lb	0.02 kg/kg	0.05 lb/lb	0.05 kg/kg

**Air Quality Data**

**Density of Organic Solvent Blend**

7.28 lb/gal

**Photochemically Reactive**

Yes

**Density of Organic Solvent Blend AS MIXED**

7.21 lb/gal

**Photochemically Reactive AS MIXED**

Yes

**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 is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

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.