

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation
Jan 19, 2024

03 00 [0729]

PRODUCT NUMBER

GP4850A59

PRODUCT NAME

Elladur™ 4850 Polyaspartic SS (Part A), White

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)

GP4850A59 = | Acute | Chronic |

Product Weight

10.47 lb/gal

Specific Gravity

1.26

FLASH POINT

> 200 °F PMCC

AS MIXED (as per product data sheet): Catalyzed GP4850A59 2:1 GP4850B01; reduced 10% acetone

AS MIXED

Product Weight

9.74 lb/gal

Specific Gravity

1.17

FLASH POINT

-3 °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
Diethyl Fumarate 623-91-6	N	N	N	N	3	3

Volatile Ingredients AS MIXED

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Acetone 67-64-1	N	Y	N	N	9	13
Diethyl Fumarate 623-91-6	N	N	N	N	2	2

Volatile Organic Compounds - U.S. EPA / Canada

	GP4850A59		AS MIXED Catalyzed GP4850A59 2:1 GP4850B01; reduced 10% acetone	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	10.47	1254	9.74	1166
	By wt	By vol	By wt	By vol
Total Volatiles	3.6%	4.5%	11.1%	15.7%
Federally exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Acetone			8.8%	12.9%
Organic Volatiles	3.6%	4.5%	2.3%	2.7%
Percent Non-Volatile	96.4%	95.5%	88.9%	84.3%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	0.37	44	0.22	27
Less exempt solvents	0.37	44	0.25	31
Of solids	0.39	46	0.26	32
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	3.6%		2.3%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.65**

AS MIXED Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.45**

Volatile Organic Compounds - California

	GP4850A59		AS MIXED Catalyzed GP4850A59 2:1 GP4850B01; reduced 10% acetone	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	10.47	1254	9.74	1166
	By wt	By vol	By wt	By vol
Total Volatiles	3.6%	4.5%	11.1%	15.7%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Acetone			8.8%	12.9%
Organic Volatiles	3.6%	4.5%	2.3%	2.7%
Percent Non-Volatile	96.4%	95.5%	88.9%	84.3%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	0.37	44	0.22	27
Less exempt solvents	0.37	44	0.25	31
Of solids	0.39	46	0.26	32
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	3.6%		2.3%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.35**

AS MIXED Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.25**

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

	GP4850A59		AS MIXED Catalyzed GP4850A59 2:1 GP4850B01; reduced 10% acetone	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	10.47	1254	9.74	1166
	By wt	By vol	By wt	By vol
Total Volatiles	3.6%	4.5%	11.1%	15.7%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Acetone			8.8%	12.9%
Organic Volatiles	3.6%	4.5%	2.3%	2.7%
Percent Non-Volatile	96.4%	95.5%	88.9%	84.3%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	0.37	44	0.22	27
Less exempt solvents	0.37	44	0.25	31
Of solids	0.39	46	0.26	32
Of solids	0.03 lb/lb	0.03 kg/kg	0.02 lb/lb	0.02 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	GP4850A59		AS MIXED Catalyzed GP4850A59 2:1 GP4850B01; reduced 10% acetone	
	By wt	By vol	By wt	By vol
Total Volatiles	8.0%	9.8%	13.9%	18.9%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	0.83	99	1.35	162

Volatile Organic Compounds - EU Directive 2010/75/EU

	GP4850A59		AS MIXED Catalyzed GP4850A59 2:1 GP4850B01; reduced 10% acetone	
	By wt	By vol	By wt	By vol
Total Volatiles	3.6%	4.5%	11.1%	15.7%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	0.37	44	1.07	129

Volatile Organic Compounds - Mexico

	GP4850A59		AS MIXED Catalyzed GP4850A59 2:1 GP4850B01; reduced 10% acetone	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	10.47	1254	9.74	1166
	By wt	By vol	By wt	By vol
Total Volatiles	3.6%	4.5%	11.1%	15.7%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Acetone			8.8%	12.9%
Organic Volatiles	3.6%	4.5%	2.3%	2.7%
Percent Non-Volatile	96.4%	95.5%	88.9%	84.3%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	0.37	44	0.22	27
Less exempt solvents	0.37	44	0.25	31
Of solids	0.39	46	0.26	32
Of solids	0.03 lb/lb	0.03 kg/kg	0.02 lb/lb	0.02 kg/kg

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

	GP4850A59		AS MIXED Catalyzed GP4850A59 2:1 GP4850B01; reduced 10% acetone	
	LB/Gal	kg/L	LB/Gal	kg/L
Volatile HAPS	0.01	0.001	0.00	0.000
Of solids	0.01	0.001	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

8.31 lb/gal

Photochemically Reactive

Yes

Density of Organic Solvent Blend AS MIXED

6.89 lb/gal

Photochemically Reactive AS MIXED

No

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.