

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation

Jan 19, 2024

10 00 [1810]

PRODUCT NUMBER

B58A630

PRODUCT NAME

MACROPOXY® 646 SE Shop Epoxy (Part A), Gray

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)

B58A630 = | Acute | Chronic | Fire |

Product Weight

11.60 lb/gal

Specific Gravity

1.40

FLASH POINT

85 °F PMCC

AS MIXED (as per product data sheet): catalyzed 1 part B58A630 to 1 part B58V600; reduced 4% R7K15

AS MIXED

Product Weight

12.31 lb/gal

Specific Gravity

1.48

FLASH POINT

67 °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	3	4
Xylene 1330-20-7	N	Y	Y	Y	15	25

Volatile Ingredients AS MIXED

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Ethylbenzene 100-41-4	N	Y	Y	Y	2	3
Xylene 1330-20-7	N	Y	Y	Y	9	15
Methyl Isobutyl Ketone 108-10-1	N	Y	Y	Y	6	11

Volatile Organic Compounds - U.S. EPA / Canada

	B58A630		AS MIXED catalyzed 1 part B58A630 to 1 part B58V600; reduced 4% R7K15	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	11.60	1390	12.31	1475
	By wt	By vol	By wt	By vol
Total Volatiles	18.2%	29.7%	16.8%	29.8%
Federally exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	18.2%	29.7%	16.8%	29.8%
Percent Non-Volatile	81.8%	70.3%	83.2%	70.2%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	2.11	253	2.06	247
Less exempt solvents	2.11	253	2.06	247
Of solids	3.00	360	2.94	353
Of solids	0.22 lb/lb	0.22 kg/kg	0.20 lb/lb	0.20 kg/kg
	By wt		By wt	
By wt LVP-VOC	18.2%		16.8%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **1.25**

AS MIXED Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.98**

Volatile Organic Compounds - California

	B58A630		AS MIXED catalyzed 1 part B58A630 to 1 part B58V600; reduced 4% R7K15	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	11.60	1390	12.31	1475
	By wt	By vol	By wt	By vol
Total Volatiles	18.2%	29.7%	16.8%	29.8%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	18.2%	29.7%	16.8%	29.8%
Percent Non-Volatile	81.8%	70.3%	83.2%	70.2%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	2.11	253	2.06	247
Less exempt solvents	2.11	253	2.06	247
Of solids	3.00	360	2.94	353
Of solids	0.22 lb/lb	0.22 kg/kg	0.20 lb/lb	0.20 kg/kg
	By wt		By wt	
By wt LVP-VOC	18.2%		16.8%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **1.25**

AS MIXED Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.96**

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

	B58A630		AS MIXED catalyzed 1 part B58A630 to 1 part B58V600; reduced 4% R7K15	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	11.60	1390	12.31	1475
	By wt	By vol	By wt	By vol
Total Volatiles	18.2%	29.7%	16.8%	29.8%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	18.2%	29.7%	16.8%	29.8%
Percent Non-Volatile	81.8%	70.3%	83.2%	70.2%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	2.11	253	2.06	247
Less exempt solvents	2.11	253	2.06	247
Of solids	3.00	360	2.94	353
Of solids	0.22 lb/lb	0.22 kg/kg	0.20 lb/lb	0.20 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	B58A630		AS MIXED catalyzed 1 part B58A630 to 1 part B58V600; reduced 4% R7K15	
	By wt	By vol	By wt	By vol
Total Volatiles	18.2%	29.7%	16.9%	30.0%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	2.11	253	2.08	249

Volatile Organic Compounds - EU Directive 2010/75/EU

	B58A630		AS MIXED catalyzed 1 part B58A630 to 1 part B58V600; reduced 4% R7K15	
	By wt	By vol	By wt	By vol
Total Volatiles	18.2%	29.7%	16.8%	29.8%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	2.11	253	2.06	247

Volatile Organic Compounds - Mexico

	B58A630		AS MIXED catalyzed 1 part B58A630 to 1 part B58V600; reduced 4% R7K15	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	11.60	1390	12.31	1475
	By wt	By vol	By wt	By vol
Total Volatiles	18.2%	29.7%	16.8%	29.8%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	18.2%	29.7%	16.8%	29.8%
Percent Non-Volatile	81.8%	70.3%	83.2%	70.2%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	2.11	253	2.06	247
Less exempt solvents	2.11	253	2.06	247
Of solids	3.00	360	2.94	353
Of solids	0.22 lb/lb	0.22 kg/kg	0.20 lb/lb	0.20 kg/kg

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

	B58A630		AS MIXED catalyzed 1 part B58A630 to 1 part B58V600; reduced 4% R7K15	
	LB/Gal	kg/L	LB/Gal	kg/L
Volatile HAPS	2.09	0.251	2.03	0.243
Of solids	2.98	0.357	2.89	0.347
Of solids	0.22 lb/lb	0.22 kg/kg	0.19 lb/lb	0.19 kg/kg

Air Quality Data

Density of Organic Solvent Blend

7.12 lb/gal

Photochemically Reactive

Yes

Density of Organic Solvent Blend AS MIXED

6.93 lb/gal

Photochemically Reactive AS MIXED

Yes

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.