

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation
Jan 20, 2024

24 00 [0942]

PRODUCT NUMBER

B58V630

PRODUCT NAME

MACROPOXY® 646 SE Shop Epoxy Hardener (Part B)

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)

B58V630 = | Acute | Chronic | Fire |

Product Weight

13.46 lb/gal

Specific Gravity

1.62

FLASH POINT

73 °F PMCC

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	0.3	< 1
Xylene 1330-20-7	N	Y	Y	Y	2	3
Methyl Isobutyl Ketone 108-10-1	N	Y	Y	Y	10	19

Volatile Organic Compounds - U.S. EPA / Canada

	B58V630	
	LB/Gal	g/L
Coating Density	13.46	1612
	By wt	By vol
Total Volatiles	12.2%	24.4%
Federally exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	12.2%	24.4%
Percent Non-Volatile	87.8%	75.6%
VOC Content	LB/Gal	g/L
Total	1.63	196
Less exempt solvents	1.63	196
Of solids	2.16	259
Of solids	0.13 lb/lb	0.13 kg/kg
	By wt	
By wt LVP-VOC	12.2%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.57**

Volatile Organic Compounds - California

	B58V630	
	LB/Gal	g/L
Coating Density	13.46	1612
	By wt	By vol
Total Volatiles	12.2%	24.4%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	12.2%	24.4%
Percent Non-Volatile	87.8%	75.6%
VOC Content	LB/Gal	g/L
Total	1.63	196
Less exempt solvents	1.63	196
Of solids	2.16	259
Of solids	0.13 lb/lb	0.13 kg/kg
	By wt	
By wt LVP-VOC	12.2%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.53**

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

	B58V630	
	LB/Gal	g/L
Coating Density	13.46	1612
	By wt	By vol
Total Volatiles	12.2%	24.4%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	12.2%	24.4%
Percent Non-Volatile	87.8%	75.6%
VOC Content	LB/Gal	g/L
Total	1.63	196
Less exempt solvents	1.63	196
Of solids	2.16	259
Of solids	0.13 lb/lb	0.13 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	B58V630	
	By wt	By vol
Total Volatiles	12.4%	24.7%
VOC Content	LB/Gal	g/L
Total	1.66	199

Volatile Organic Compounds - EU Directive 2010/75/EU

	B58V630	
	By wt	By vol
Total Volatiles	12.2%	24.4%
VOC Content	LB/Gal	g/L
Total	1.63	196

Volatile Organic Compounds - Mexico

	B58V630	
	LB/Gal	g/L
Coating Density	13.46	1612
	By wt	By vol
Total Volatiles	12.2%	24.4%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	12.2%	24.4%
Percent Non-Volatile	87.8%	75.6%
VOC Content	LB/Gal	g/L
Total	1.63	196
Less exempt solvents	1.63	196
Of solids	2.16	259
Of solids	0.13 lb/lb	0.13 kg/kg

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

	B58V630	
	LB/Gal	kg/L
Volatile HAPS	1.57	0.188
Of solids	2.08	0.249
Of solids	0.13 lb/lb	0.13 kg/kg

Air Quality Data

Density of Organic Solvent Blend

6.71 lb/gal

Photochemically Reactive

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.