

# ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation  
Jan 19, 2024

06 00 [2478]

**PRODUCT NUMBER**

B58LX745

**PRODUCT NAME**

MACROPOXY® 5500LT Epoxy (Part A), Blue

**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)**

B58LX745 = | Acute | Chronic | Fire |

**Product Weight**

13.30 lb/gal

**Specific Gravity**

1.60

**FLASH POINT**

138 °F PMCC

**AS MIXED (as per product data sheet):** Catalyzed 1 parts B58LX0745 to 1 part B58VX740, reduced 10% R7K111,adj benzyl

**AS MIXED**

**Product Weight**

12.74 lb/gal

**Specific Gravity**

1.53

**FLASH POINT**

10 °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	0.2	< 1
Xylene 1330-20-7	N	Y	Y	Y	1	3
p-Chlorobenzotrifluoride 98-56-6	N	N	N	N	19	23
Phenylmethanol 100-51-6	N	N	N	N	1	2

**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	0.2	< 1
Xylene 1330-20-7	N	Y	Y	Y	2	3
p-Chlorobenzotrifluoride 98-56-6	N	N	N	N	13	15
Acetone 67-64-1	N	Y	N	N	5	10
Methyl Isobutyl Ketone 108-10-1	N	Y	Y	Y	2	4

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

	B58LX745		AS MIXED	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	13.30	1593	12.74	1526
	By wt	By vol	By wt	By vol
Total Volatiles	22.6%	28.7%	22.6%	33.1%
Federally exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
P-Chlorobenzotrifluoride	19.2%	22.9%	12.9%	14.7%
Acetone			5.2%	10.1%
Organic Volatiles	3.3%	5.8%	4.5%	8.3%
Percent Non-Volatile	77.4%	71.3%	77.4%	66.9%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	0.44	52	0.57	69
Less exempt solvents	0.57	68	0.76	92
Of solids	0.61	74	0.86	103
Of solids	0.04 lb/lb	0.04 kg/kg	0.05 lb/lb	0.05 kg/kg
	By wt		By wt	
By wt LVP-VOC	1.9%		4.2%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.44**

AS MIXED Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.33**

### Volatile Organic Compounds - California

	B58LX745		AS MIXED	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	13.30	1593	12.74	1526
	By wt	By vol	By wt	By vol
Total Volatiles	22.6%	28.7%	22.6%	33.1%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
P-Chlorobenzotrifluoride	19.2%	22.9%	12.9%	14.7%
Acetone			5.2%	10.1%
Organic Volatiles	3.3%	5.8%	4.5%	8.3%
Percent Non-Volatile	77.4%	71.3%	77.4%	66.9%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	0.44	52	0.57	69
Less exempt solvents	0.57	68	0.76	92
Of solids	0.61	74	0.86	103
Of solids	0.04 lb/lb	0.04 kg/kg	0.05 lb/lb	0.05 kg/kg
	By wt		By wt	
By wt LVP-VOC	1.9%		4.2%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.20**

AS MIXED Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.26**

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

	B58LX745		AS MIXED Catalyzed 1 parts B58LX0745 to 1 part B58VX740, reduced 10% R7K111,adj benzyl	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	13.30	1593	12.74	1526
	By wt	By vol	By wt	By vol
Total Volatiles	22.6%	28.7%	22.6%	33.1%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
P-Chlorobenzotrifluoride	19.2%	22.9%	12.9%	14.7%
Acetone			5.2%	10.1%
Organic Volatiles	3.3%	5.8%	4.5%	8.3%
Percent Non-Volatile	77.4%	71.3%	77.4%	66.9%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	0.44	52	0.57	69
Less exempt solvents	0.57	68	0.76	92
Of solids	0.61	74	0.86	103
Of solids	0.04 lb/lb	0.04 kg/kg	0.05 lb/lb	0.05 kg/kg

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

	B58LX745		AS MIXED Catalyzed 1 parts B58LX0745 to 1 part B58VX740, reduced 10% R7K111,adj benzyl	
	By wt	By vol	By wt	By vol
Total Volatiles	22.6%	28.7%	22.7%	33.2%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	2.99	359	2.89	346

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

	B58LX745		AS MIXED Catalyzed 1 parts B58LX0745 to 1 part B58VX740, reduced 10% R7K111,adj benzyl	
	By wt	By vol	By wt	By vol
Total Volatiles	22.6%	28.7%	22.6%	33.1%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	2.99	359	2.87	345

### Volatile Organic Compounds - Mexico

	B58LX745		AS MIXED Catalyzed 1 parts B58LX0745 to 1 part B58VX740, reduced 10% R7K111,adj benzyl	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	13.30	1593	12.74	1526
	By wt	By vol	By wt	By vol
Total Volatiles	22.6%	28.7%	22.6%	33.1%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Acetone			5.2%	10.1%
Organic Volatiles	22.6%	28.7%	17.4%	23.0%
Percent Non-Volatile	77.4%	71.3%	77.4%	66.9%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	2.99	359	2.21	265
Less exempt solvents	2.99	359	2.46	295
Of solids	4.20	504	3.31	397
Of solids	0.29 lb/lb	0.29 kg/kg	0.22 lb/lb	0.22 kg/kg

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

	B58LX745		AS MIXED Catalyzed 1 parts B58LX0745 to 1 part B58VX740, reduced 10% R7K111,adj benzyl	
	LB/Gal	kg/L	LB/Gal	kg/L
Volatile HAPS	0.21	0.025	0.48	0.058
Of solids	0.29	0.035	0.72	0.086
Of solids	0.02 lb/lb	0.02 kg/kg	0.04 lb/lb	0.04 kg/kg

### Air Quality Data

#### Density of Organic Solvent Blend

10.43 lb/gal

#### Photochemically Reactive

Yes

#### Density of Organic Solvent Blend AS MIXED

8.70 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.