

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation
Jan 19, 2024

08 00 [2478]

PRODUCT NUMBER

B58RX745

PRODUCT NAME

MACROPOXY® 5500LT Epoxy (Part A), Red

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)

B58RX745 = | Acute | Chronic | Fire |

Product Weight

12.68 lb/gal

Specific Gravity

1.53

FLASH POINT

138 °F PMCC

AS MIXED (as per product data sheet): CATALYZED 1 part B58RX0745 to 1 part B58VX0740 reduced 10% R7K111

AS MIXED

Product Weight

12.46 lb/gal

Specific Gravity

1.50

FLASH POINT

6 °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	20	23
Phenylmethanol 100-51-6	N	N	N	N	2	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

	B58RX745		AS MIXED CATALYZED 1 part B58RX0745 to 1 part B58VX0740 reduced 10% R7K111	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	12.68	1519	12.46	1492
	By wt	By vol	By wt	By vol
Total Volatiles	23.4%	28.5%	23.3%	33.4%
Federally exempt solvents				
Water	0.1%	0.1%	0.0%	0.0%
P-Chlorobenzotrifluoride	19.9%	22.6%	13.0%	14.5%
Acetone			5.3%	10.1%
Organic Volatiles	3.5%	5.8%	5.0%	8.8%
Percent Non-Volatile	76.6%	71.5%	76.7%	66.6%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	0.44	53	0.61	74
Less exempt solvents	0.57	68	0.81	98
Of solids	0.61	74	0.92	111
Of solids	0.04 lb/lb	0.04 kg/kg	0.06 lb/lb	0.06 kg/kg
	By wt		By wt	
By wt LVP-VOC	1.8%		4.2%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.49**

AS MIXED Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.42**

Volatile Organic Compounds - California

	B58RX745		AS MIXED CATALYZED 1 part B58RX0745 to 1 part B58VX0740 reduced 10% R7K111	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	12.68	1519	12.46	1492
	By wt	By vol	By wt	By vol
Total Volatiles	23.4%	28.5%	23.3%	33.4%
Exempt solvents				
Water	0.1%	0.1%	0.0%	0.0%
P-Chlorobenzotrifluoride	19.9%	22.6%	13.0%	14.5%
Acetone			5.3%	10.1%
Organic Volatiles	3.5%	5.8%	5.0%	8.8%
Percent Non-Volatile	76.6%	71.5%	76.7%	66.6%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	0.44	53	0.61	74
Less exempt solvents	0.57	68	0.81	98
Of solids	0.61	74	0.92	111
Of solids	0.04 lb/lb	0.04 kg/kg	0.06 lb/lb	0.06 kg/kg
	By wt		By wt	
By wt LVP-VOC	1.8%		4.2%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.22**

AS MIXED Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.28**

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

	B58RX745		AS MIXED CATALYZED 1 part B58RX0745 to 1 part B58VX0740 reduced 10% R7K111	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	12.68	1519	12.46	1492
	By wt	By vol	By wt	By vol
Total Volatiles	23.4%	28.5%	23.3%	33.4%
Exempt solvents				
Water	0.1%	0.1%	0.0%	0.0%
P-Chlorobenzotrifluoride	19.9%	22.6%	13.0%	14.5%
Acetone			5.3%	10.1%
Organic Volatiles	3.5%	5.8%	5.0%	8.8%
Percent Non-Volatile	76.6%	71.5%	76.7%	66.6%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	0.44	53	0.61	74
Less exempt solvents	0.57	68	0.81	98
Of solids	0.61	74	0.92	111
Of solids	0.04 lb/lb	0.04 kg/kg	0.06 lb/lb	0.06 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	B58RX745		AS MIXED CATALYZED 1 part B58RX0745 to 1 part B58VX0740 reduced 10% R7K111	
	By wt	By vol	By wt	By vol
Total Volatiles	23.4%	28.5%	23.4%	33.6%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	2.96	355	2.91	349

Volatile Organic Compounds - EU Directive 2010/75/EU

	B58RX745		AS MIXED CATALYZED 1 part B58RX0745 to 1 part B58VX0740 reduced 10% R7K111	
	By wt	By vol	By wt	By vol
Total Volatiles	23.4%	28.5%	23.3%	33.4%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	2.96	355	2.90	347

Volatile Organic Compounds - Mexico

	B58RX745		AS MIXED CATALYZED 1 part B58RX0745 to 1 part B58VX0740 reduced 10% R7K111	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	12.68	1519	12.46	1492
	By wt	By vol	By wt	By vol
Total Volatiles	23.4%	28.5%	23.3%	33.4%
Exempt solvents				
Water	0.1%	0.1%	0.0%	0.0%
Acetone			5.3%	10.1%
Organic Volatiles	23.4%	28.4%	18.0%	23.3%
Percent Non-Volatile	76.6%	71.5%	76.7%	66.6%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	2.96	355	2.24	268
Less exempt solvents	2.96	355	2.49	298
Of solids	4.14	496	3.36	403
Of solids	0.30 lb/lb	0.30 kg/kg	0.23 lb/lb	0.23 kg/kg

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

	B58RX745		AS MIXED CATALYZED 1 part B58RX0745 to 1 part B58VX0740 reduced 10% R7K111	
	LB/Gal	kg/L	LB/Gal	kg/L
Volatile HAPS	0.20	0.024	0.48	0.057
Of solids	0.28	0.034	0.72	0.086
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

10.43 lb/gal

Photochemically Reactive

Yes

Density of Organic Solvent Blend AS MIXED

8.69 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.