

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation
Jan 19, 2024

10 00 [3089]

PRODUCT NUMBER

B58WY411

PRODUCT NAME

CARCLAD® MACROPOXY® HS Epoxy Mastic (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)

B58WY411 = | Acute | Chronic | Fire |

Product Weight

12.41 lb/gal

Specific Gravity

1.49

FLASH POINT

133 °F PMCC

AS MIXED (as per product data sheet): Catalyzed 1:1 B58WY0411 to B58VY0411 reduced 10%, corrected benzyl alcohol NVM

AS MIXED

Product Weight

11.67 lb/gal

Specific Gravity

1.40

FLASH POINT

N.A.

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
Light Aromatic Hydrocarbons 64742-95-6	N	N	N	N	3	6
Cumene 98-82-8	N	Y	Y	Y	0.2	< 1
Trimethylbenzene 25551-13-7	N	N	N	N	2	3
2-Propoxyethanol 2807-30-9	N	N	Y - Glycol Ethers (SARA)	Y - Glycol Ethers (HAPS)	1	2

Non-Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Dibutyl Phthalate 84-74-2	N	Y	Y	Y	3	4

Regulated Compounds

	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Glycol Ethers (SARA)	N	N	Y	N	1	
Glycol Ethers (HAPS)	N	N	N	Y	1	

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	0.3	< 1
Xylene 1330-20-7	N	Y	Y	Y	2	3
Light Aromatic Hydrocarbons 64742-95-6	N	N	N	N	3	5
Cumene 98-82-8	N	Y	Y	Y	0.2	< 1
Trimethylbenzene 25551-13-7	N	N	N	N	2	3
2-Propoxyethanol 2807-30-9	N	N	Y - Glycol Ethers (SARA)	Y - Glycol Ethers (HAPS)	2	3
Phenylmethanol 100-51-6	N	N	N	N	1	1
Methyl Ethyl Ketone 78-93-3	N	Y	N	N	5	9

Non-Volatile Ingredients AS MIXED

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Dibutyl Phthalate 84-74-2	N	Y	Y	Y	1	2

Regulated Compounds AS MIXED

	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Glycol Ethers (SARA)	N	N	Y	N	2	
Glycol Ethers (HAPS)	N	N	N	Y	2	

Volatile Organic Compounds - U.S. EPA / Canada

	B58WY411		AS MIXED	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	12.41	1487	11.67	1397
	By wt	By vol	By wt	By vol
Total Volatiles	11.1%	19.2%	17.2%	28.1%
Federally exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	11.1%	19.2%	17.2%	28.1%
Percent Non-Volatile	88.9%	80.8%	82.8%	71.9%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	1.38	165	2.00	240
Less exempt solvents	1.38	165	2.00	240
Of solids	1.71	205	2.78	333
Of solids	0.12 lb/lb	0.12 kg/kg	0.20 lb/lb	0.20 kg/kg
	By wt		By wt	
By wt LVP-VOC	11.1%		16.1%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.72**

AS MIXED Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **1.02**

Volatile Organic Compounds - California

	B58WY411		AS MIXED Catalyzed 1:1 B58WY0411 to B58VY0411 reduced 10%, corrected benzyl alcohol NVM	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	12.41	1487	11.67	1397
	By wt	By vol	By wt	By vol
Total Volatiles	11.1%	19.2%	17.2%	28.1%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	11.1%	19.2%	17.2%	28.1%
Percent Non-Volatile	88.9%	80.8%	82.8%	71.9%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	1.38	165	2.00	240
Less exempt solvents	1.38	165	2.00	240
Of solids	1.71	205	2.78	333
Of solids	0.12 lb/lb	0.12 kg/kg	0.20 lb/lb	0.20 kg/kg
	By wt		By wt	
By wt LVP-VOC	11.1%		16.1%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.73**

AS MIXED Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.84**

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

	B58WY411		AS MIXED Catalyzed 1:1 B58WY0411 to B58VY0411 reduced 10%, corrected benzyl alcohol NVM	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	12.41	1487	11.67	1397
	By wt	By vol	By wt	By vol
Total Volatiles	11.1%	19.2%	17.2%	28.1%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	11.1%	19.2%	17.2%	28.1%
Percent Non-Volatile	88.9%	80.8%	82.8%	71.9%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	1.38	165	2.00	240
Less exempt solvents	1.38	165	2.00	240
Of solids	1.71	205	2.78	333
Of solids	0.12 lb/lb	0.12 kg/kg	0.20 lb/lb	0.20 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	B58WY411		AS MIXED Catalyzed 1:1 B58WY0411 to B58VY0411 reduced 10%, corrected benzyl alcohol NVM	
	By wt	By vol	By wt	By vol
Total Volatiles	11.4%	19.7%	17.3%	28.3%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	1.41	169	2.01	241

Volatile Organic Compounds - EU Directive 2010/75/EU

	B58WY411		AS MIXED	
	By wt	By vol	By wt	By vol
Total Volatiles	11.1%	19.2%	17.2%	28.1%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	1.38	165	2.00	240

Volatile Organic Compounds - Mexico

	B58WY411		AS MIXED	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	12.41	1487	11.67	1397
	By wt	By vol	By wt	By vol
Total Volatiles	11.1%	19.2%	17.2%	28.1%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	11.1%	19.2%	17.2%	28.1%
Percent Non-Volatile	88.9%	80.8%	82.8%	71.9%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	1.38	165	2.00	240
Less exempt solvents	1.38	165	2.00	240
Of solids	1.71	205	2.78	333
Of solids	0.12 lb/lb	0.12 kg/kg	0.20 lb/lb	0.20 kg/kg

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

	B58WY411		AS MIXED	
	LB/Gal	kg/L	LB/Gal	kg/L
Volatile HAPS	0.27	0.032	0.26	0.031
Of solids	0.33	0.040	0.37	0.044
Of solids	0.02 lb/lb	0.02 kg/kg	0.02 lb/lb	0.02 kg/kg

Air Quality Data

Density of Organic Solvent Blend

7.19 lb/gal

Photochemically Reactive

Yes

Density of Organic Solvent Blend AS MIXED

7.13 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.