ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation
Jun 8, 2023

12 00 [0790]

PRODUCT NUMBER

B58BY411

PRODUCT NAME

CARCLAD® MACROPOXY® HS Epoxy Mastic (Part A), Black

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)

B58BY411 = | Acute | Chronic | Fire |

Product Weight	Specific Gravity	FLASH POINT
11.29 lb/gal	1.36	80 °F PMCC

AS MIXED (as per product data sheet): catalyzed

AS MIXED

Product Weight	Specific Gravity	FLASH POINT
11.03 lb/gal	1.33	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	2	4
Cumene **98-82-8**	N	Y	Y	Y	0.1	< 1
Trimethylbenzene **25551-13-7**	N	N	N	N	1	2
2-Propoxyethanol **2807-30-9**	N	N	Y - Glycol Ethers (SARA)	Y - Glycol Ethers (HAPS)	4	5

Regulated Compounds

	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Glycol Ethers (SARA)	N	N	Y	N	4	
Glycol Ethers (HAPS)	N	N	N	Y	4	

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	0.5	< 1
Xylene 1330-20-7	N	Y	Y	Y	3	5
Light Aromatic Hydrocarbons 64742-95-6	N	N	N	N	2	3
Cumene 98-82-8	N	Y	Y	Y	0.1	< 1
Trimethylbenzene 25551-13-7	N	N	N	N	1	2
Ethanol 64-17-5	N	N	N	N	1	2
2-Propoxyethanol 2807-30-9	N	N	Y - Glycol Ethers (SARA)	Y - Glycol Ethers (HAPS)	3	5
Methyl Isobutyl Ketone 108-10-1	N	Y	Y	Y	3	5

Regulated Compounds AS MIXED

	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Glycol Ethers (SARA)	N	N	Y	N	3	
Glycol Ethers (HAPS)	N	N	N	Y	3	

Volatile Organic Compounds - U.S. EPA / Canada

	B58BY411		AS MIXED catalyzed	
	LB/Gal	**g/L**	**LB/Gal**	**g/L**
Coating Density	11.29	1353	11.03	1321
	By wt	**By vol**	**By wt**	**By vol**
Total Volatiles	11.3%	17.6%	15.8%	24.7%
Federally exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	11.3%	17.6%	15.8%	24.7%
Percent Non-Volatile	88.7%	82.4%	84.2%	75.3%
VOC Content	**LB/Gal**	**g/L**	**LB/Gal**	**g/L**
Total	1.28	153	1.74	208
Less exempt solvents	1.28	153	1.74	208
Of solids	1.55	186	2.31	277
Of solids	0.12 lb/lb	0.12 kg/kg	0.18 lb/lb	0.18 kg/kg
	By wt		**By wt**	
By wt LVP-VOC	11.3%		15.7%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.67**

AS MIXED Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.88**

Volatile Organic Compounds - California

	B58BY411		AS MIXED catalyzed	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	11.29	1353	11.03	1321
	By wt	By vol	By wt	By vol
Total Volatiles	11.3%	17.6%	15.8%	24.7%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	11.3%	17.6%	15.8%	24.7%
Percent Non-Volatile	88.7%	82.4%	84.2%	75.3%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	1.28	153	1.74	208
Less exempt solvents	1.28	153	1.74	208
Of solids	1.55	186	2.31	277
Of solids	0.12 lb/lb	0.12 kg/kg	0.18 lb/lb	0.18 kg/kg
	By wt		By wt	
By wt LVP-VOC	11.3%		15.7%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.67**
AS MIXED Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.85**

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

	B58BY411		AS MIXED catalyzed	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	11.29	1353	11.03	1321
	By wt	By vol	By wt	By vol
Total Volatiles	11.3%	17.6%	15.8%	24.7%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	11.3%	17.6%	15.8%	24.7%
Percent Non-Volatile	88.7%	82.4%	84.2%	75.3%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	1.28	153	1.74	208
Less exempt solvents	1.28	153	1.74	208
Of solids	1.55	186	2.31	277
Of solids	0.12 lb/lb	0.12 kg/kg	0.18 lb/lb	0.18 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	B58BY411		AS MIXED catalyzed	
	By wt	By vol	By wt	By vol
Total Volatiles	11.3%	17.6%	15.8%	24.7%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	1.28	153	1.74	208

Volatile Organic Compounds - EU Directive 2010/75/EU

	B58BY411		AS MIXED catalyzed	
	By wt	By vol	By wt	By vol
Total Volatiles	11.3%	17.6%	15.8%	24.7%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	1.28	153	1.74	208

Volatile Organic Compounds - Mexico

	B58BY411		AS MIXED catalyzed	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	11.29	1353	11.03	1321
	By wt	By vol	By wt	By vol
Total Volatiles	11.3%	17.6%	15.8%	24.7%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	11.3%	17.6%	15.8%	24.7%
Percent Non-Volatile	88.7%	82.4%	84.2%	75.3%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	1.28	153	1.74	208
Less exempt solvents	1.28	153	1.74	208
Of solids	1.55	186	2.31	277
Of solids	0.12 lb/lb	0.12 kg/kg	0.18 lb/lb	0.18 kg/kg

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

	B58BY411		AS MIXED catalyzed	
	LB/Gal	kg/L	LB/Gal	kg/L
Volatile HAPS	0.68	0.081	1.05	0.126
Of solids	0.82	0.099	1.39	0.167
Of solids	0.06 lb/lb	0.06 kg/kg	0.11 lb/lb	0.11 kg/kg

Air Quality Data

Density of Organic Solvent Blend

7.27 lb/gal

Photochemically Reactive

Yes

Density of Organic Solvent Blend AS MIXED

7.03 lb/gal

Photochemically Reactive AS MIXED

Yes

Additional Regulatory Information

US EPA TSCA:

Not Applicable

Relevant identified uses of the substance or mixture and uses advised against:

Not Applicable

US EPA TSCA: AS MIXED

Not Applicable

Relevant identified uses of the substance or mixture and uses advised against: AS MIXED

Not Applicable

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.