

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation

May 17, 2020

14 00 [1248]

PRODUCT NUMBER

B69VZ20

PRODUCT NAME

ZINC CLAD® DOT Zinc-Rich Coating (Part A)

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)

B69VZ20 = | Acute | Chronic | Fire |

Product Weight

10.27 lb/gal

Specific Gravity

1.24

FLASH POINT

81 °F PMCC

AS MIXED (as per product data sheet): Catalyzed Zn Clad DOT B69VZ0020 by wt with B69VZ0018 and B69D00011

AS MIXED

Product Weight

26.21 lb/gal

Specific Gravity

3.15

FLASH POINT

72 °F TCC

Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Ethanol 64-17-5	N	N	N	N	5	8
1-Methoxy-2-propanol 107-98-2	N	N	N	N	6	8
2-Methoxymethylethoxypropanol 34590-94-8	N	N	N	N	2	3
Methyl n-Amyl Ketone 110-43-0	N	N	N	N	5	7
Ethyl Silicate 78-10-4	N	N	N	N	17	22

Volatile Ingredients AS MIXED

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Ethanol 64-17-5	N	N	N	N	1	5
1-Methoxy-2-propanol 107-98-2	N	N	N	N	3	10
Methyl n-Amyl Ketone 110-43-0	N	N	N	N	1	4
Ethyl Silicate 78-10-4	N	N	N	N	4	13

Non-Volatile Ingredients AS MIXED

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Zinc 7440-66-6	N	Y	N	N	75	33

Regulated Compounds AS MIXED

	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Zinc (as Zn)	N	Y	Y	N	73	
Zinc Compound	N	N	Y	N	2	

Volatile Organic Compounds - U.S. EPA / Canada

	B69VZ20		AS MIXED	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	10.27	1230	26.21	3140
	By wt	By vol	By wt	By vol
Total Volatiles	34.9%	48.2%	10.2%	36.0%
Federally exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	34.9%	48.2%	10.2%	36.0%
Percent Non-Volatile	65.1%	51.8%	89.8%	64.0%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	3.58	429	2.67	320
Less exempt solvents	3.58	429	2.67	320
Of solids	6.92	829	4.17	500
Of solids	0.53 lb/lb	0.53 kg/kg	0.11 lb/lb	0.11 kg/kg
	By wt		By wt	
By wt LVP-VOC	34.9%		10.2%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **4.57**AS MIXED Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **1.11**

Volatile Organic Compounds - California

	B69VZ20		AS MIXED	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	10.27	1230	26.21	3140
	By wt	By vol	By wt	By vol
Total Volatiles	34.9%	48.2%	10.2%	36.0%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	34.9%	48.2%	10.2%	36.0%
Percent Non-Volatile	65.1%	51.8%	89.8%	64.0%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
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Less exempt solvents	3.58	429	2.67	320
Of solids	6.92	829	4.17	500
Of solids	0.53 lb/lb	0.53 kg/kg	0.11 lb/lb	0.11 kg/kg
	By wt		By wt	
By wt LVP-VOC	34.9%		10.2%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **2.48**AS MIXED Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.64**

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

	B69VZ20		AS MIXED Catalyzed Zn Clad DOT B69VZ0020 by wt with B69VZ0018 and B69D00011	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	10.27	1230	26.21	3140
	By wt	By vol	By wt	By vol
Total Volatiles	34.9%	48.2%	10.2%	36.0%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	34.9%	48.2%	10.2%	36.0%
Percent Non-Volatile	65.1%	51.8%	89.8%	64.0%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	3.58	429	2.67	320
Less exempt solvents	3.58	429	2.67	320
Of solids	6.92	829	4.17	500
Of solids	0.53 lb/lb	0.53 kg/kg	0.11 lb/lb	0.11 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	B69VZ20		AS MIXED Catalyzed Zn Clad DOT B69VZ0020 by wt with B69VZ0018 and B69D00011	
	By wt	By vol	By wt	By vol
Total Volatiles	34.9%	48.2%	10.2%	36.0%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	3.58	429	2.67	320

Volatile Organic Compounds - EU Directive 2010/75/EU

	B69VZ20		AS MIXED Catalyzed Zn Clad DOT B69VZ0020 by wt with B69VZ0018 and B69D00011	
	By wt	By vol	By wt	By vol
Total Volatiles	34.9%	48.2%	10.2%	36.0%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	3.58	429	2.67	320

Volatile Organic Compounds - Mexico

	B69VZ20		AS MIXED Catalyzed Zn Clad DOT B69VZ0020 by wt with B69VZ0018 and B69D00011	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	10.27	1230	26.21	3140
	By wt	By vol	By wt	By vol
Total Volatiles	34.9%	48.2%	10.2%	36.0%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	34.9%	48.2%	10.2%	36.0%
Percent Non-Volatile	65.1%	51.8%	89.8%	64.0%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	3.58	429	2.67	320
Less exempt solvents	3.58	429	2.67	320
Of solids	6.92	829	4.17	500
Of solids	0.53 lb/lb	0.53 kg/kg	0.11 lb/lb	0.11 kg/kg

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

	B69VZ20		AS MIXED	
	LB/Gal	kg/L	LB/Gal	kg/L
Volatile HAPS	0.00	0.000	0.00	0.000
Of solids	0.00	0.000	0.00	0.000
Of solids	0.00 lb/lb	0.00 kg/kg	0.00 lb/lb	0.00 kg/kg

Air Quality Data

Density of Organic Solvent Blend

7.43 lb/gal

Photochemically Reactive

No

Density of Organic Solvent Blend AS MIXED

7.43 lb/gal

Photochemically Reactive AS MIXED

No

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.