ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation
Apr 20, 2024

09 00 [1751]

PRODUCT NUMBER

B69A110

PRODUCT NAME

ZINC CLAD® III HS 100 Organic Zinc-Rich Epoxy Primer (Part A), Base

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 and rely on information provided to us by our raw material suppliers. Our suppliers often provide an estimated value or range less than a certain upper limit. We calculate MAXIMUM THEORETICAL VALUES using defined values, if provided, or the upper limit reported by our supplier. Additionally, the suppliers' information may include amounts present in the product as unintentional byproducts or impurities. Variations may occur in individual batches due to adjustments made during production.

Hazard Category (for SARA 311.312)

B69A110 = | Acute | Chronic | Fire |

Product Weight	Specific Gravity	FLASH POINT
10.96 lb/gal	1.32	132 °F PMCC

AS MIXED (as per product data sheet): Catalyzed B69A00110 1:1 B69V00110 to 1.25 (73 lb) B69D00011, reduced 1pct

AS MIXED

Product Weight	Specific Gravity	FLASH POINT
28.47 lb/gal	3.43	14 °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	1	2
Xylene 1330-20-7	N	Y	Y	Y	3	5
p-Chlorobenzotrifluoride 98-56-6	N	N	N	N	52	51

Regulated Compounds

	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Mercury (as Hg)	N	N	Y	N	0.0000002	
Lead (as Pb)	N	N	Y	N	0.000006	

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	0.1	0.5
p-Chlorobenzotrifluoride 98-56-6	N	N	N	N	9	24
Acetone 67-64-1	N	Y	N	N	2	8
Methyl n-Amyl Ketone 110-43-0	N	N	N	N	1	5

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	78	38

Regulated Compounds AS MIXED

	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Zinc (as Zn)	N	Y	Y	N	76	
Lead (as Pb)	N	N	Y	N	0.001	
Zinc Compound	N	N	Y	N	2	

Volatile Organic Compounds - U.S. EPA / Canada

	B69A110		AS MIXED Catalyzed B69A00110 1:1 B69V00110 to 1.25 (73 lb) B69D00011, reduced 1pct	
	LB/Gal	**g/L**	**LB/Gal**	**g/L**
Coating Density	10.96	1313	28.47	3411
	By wt	**By vol**	**By wt**	**By vol**
Total Volatiles	56.6%	58.1%	13.2%	40.0%
Federally exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
P-Chlorobenzotrifluoride	52.0%	51.1%	9.4%	23.9%
Acetone			1.9%	8.3%
Organic Volatiles	4.6%	7.0%	1.9%	7.8%
Percent Non-Volatile	43.4%	41.9%	86.8%	60.0%
VOC Content	**LB/Gal**	**g/L**	**LB/Gal**	**g/L**
Total	0.50	60	0.53	64
Less exempt solvents	1.03	123	0.79	94
Of solids	1.20	144	0.89	107
Of solids	0.10 lb/lb	0.10 kg/kg	0.02 lb/lb	0.02 kg/kg
	By wt		**By wt**	
By wt LVP-VOC	4.5%		1.9%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.32**
AS MIXED Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.08**

Volatile Organic Compounds - California

	B69A110		AS MIXED Catalyzed B69A00110 1:1 B69V00110 to 1.25 (73 lb) B69D00011, reduced 1pct	
	LB/Gal	**g/L**	**LB/Gal**	**g/L**
Coating Density	10.96	1313	28.47	3411
	By wt	**By vol**	**By wt**	**By vol**
Total Volatiles	56.6%	58.1%	13.2%	40.0%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
P-Chlorobenzotrifluoride	52.0%	51.1%	9.4%	23.9%
Acetone			1.9%	8.3%
Organic Volatiles	4.6%	7.0%	1.9%	7.8%
Percent Non-Volatile	43.4%	41.9%	86.8%	60.0%
VOC Content	**LB/Gal**	**g/L**	**LB/Gal**	**g/L**
Total	0.50	60	0.53	64
Less exempt solvents	1.03	123	0.79	94
Of solids	1.20	144	0.89	107
Of solids	0.10 lb/lb	0.10 kg/kg	0.02 lb/lb	0.02 kg/kg
	By wt		**By wt**	
By wt LVP-VOC	4.5%		1.9%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.33**

AS MIXED Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.08**

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

	B69A110		AS MIXED Catalyzed B69A00110 1:1 B69V00110 to 1.25 (73 lb) B69D00011, reduced 1pct	
	LB/Gal	**g/L**	**LB/Gal**	**g/L**
Coating Density	10.96	1313	28.47	3411
	By wt	**By vol**	**By wt**	**By vol**
Total Volatiles	56.6%	58.1%	13.2%	40.0%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
P-Chlorobenzotrifluoride	52.0%	51.1%	9.4%	23.9%
Acetone			1.9%	8.3%
Organic Volatiles	4.6%	7.0%	1.9%	7.8%
Percent Non-Volatile	43.4%	41.9%	86.8%	60.0%
VOC Content	**LB/Gal**	**g/L**	**LB/Gal**	**g/L**
Total	0.50	60	0.53	64
Less exempt solvents	1.03	123	0.79	94
Of solids	1.20	144	0.89	107
Of solids	0.10 lb/lb	0.10 kg/kg	0.02 lb/lb	0.02 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	B69A110		AS MIXED Catalyzed B69A00110 1:1 B69V00110 to 1.25 (73 lb) B69D00011, reduced 1pct	
	By wt	**By vol**	**By wt**	**By vol**
Total Volatiles	56.6%	58.1%	13.2%	40.0%
VOC Content	**LB/Gal**	**g/L**	**LB/Gal**	**g/L**
Total	6.20	743	3.75	449

Volatile Organic Compounds - EU Directive 2010/75/EU

	B69A110		AS MIXED Catalyzed B69A00110 1:1 B69V00110 to 1.25 (73 lb) B69D00011, reduced 1pct	
	By wt	**By vol**	**By wt**	**By vol**
Total Volatiles	56.6%	58.0%	13.2%	40.0%
VOC Content	**LB/Gal**	**g/L**	**LB/Gal**	**g/L**
Total	6.20	743	3.75	449

Volatile Organic Compounds - Mexico

	B69A110		AS MIXED Catalyzed B69A00110 1:1 B69V00110 to 1.25 (73 lb) B69D00011, reduced 1pct	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	10.96	1313	28.47	3411
	By wt	By vol	By wt	By vol
Total Volatiles	56.6%	58.1%	13.2%	40.0%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Acetone			1.9%	8.3%
Organic Volatiles	56.6%	58.1%	11.3%	31.8%
Percent Non-Volatile	43.4%	41.9%	86.8%	60.0%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	6.20	743	3.20	384
Less exempt solvents	6.20	743	3.49	419
Of solids	14.79	1773	5.35	641
Of solids	1.30 lb/lb	1.30 kg/kg	0.12 lb/lb	0.12 kg/kg

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

	B69A110		AS MIXED Catalyzed B69A00110 1:1 B69V00110 to 1.25 (73 lb) B69D00011, reduced 1pct	
	LB/Gal	kg/L	LB/Gal	kg/L
Volatile HAPS	0.44	0.053	0.03	0.004
Of solids	1.06	0.127	0.05	0.006
Of solids	0.09 lb/lb	0.09 kg/kg	0.00 lb/lb	0.00 kg/kg

Air Quality Data

Density of Organic Solvent Blend
10.68 lb/gal
Photochemically Reactive
Yes
Density of Organic Solvent Blend AS MIXED
9.38 lb/gal
Photochemically Reactive AS MIXED
No

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.