

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation

Apr 20, 2024

12 00 [1501]

PRODUCT NUMBER

E90GC101

PRODUCT NAME

MIL-PRF-32550 TYPE I, FORM A, CLASS S ZINC RICH PRIMER, Q2249, GRAY

MANUFACTURER'S NAME

THE SHERWIN-WILLIAMS CO.

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)

E90GC101 = | Acute | Chronic | Fire |

Product Weight

28.87 lb/gal

Specific Gravity

3.47

FLASH POINT

46 °F PMCC

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	0.9	4
Xylene 1330-20-7	N	Y	Y	Y	5	20
Light Aromatic Hydrocarbons 64742-95-6	N	N	N	N	1	5

Non-Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
4, 4'-Diphenylmethane Diisocyanate 101-68-8	N	Y	Y	Y	2	5
Diphenylmethane Diisocyanate Polymer 9016-87-9	N	N	Y	N	6	17
Zinc 7440-66-6	N	Y	N	N	83	41

Regulated Compounds

	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Zinc (as Zn)	N	Y	Y	N	81	
Lead (as Pb)	N	N	Y	N	0.001	
Zinc Compound	N	N	Y	N	2	

Volatile Organic Compounds - U.S. EPA / Canada

	E90GC101	
	LB/Gal	g/L
Coating Density	28.87	3459
	By wt	By vol
Total Volatiles	8.6%	34.6%
Federally exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	8.6%	34.6%
Percent Non-Volatile	91.4%	65.4%
VOC Content	LB/Gal	g/L
Total	2.48	297
Less exempt solvents	2.48	297
Of solids	3.80	455
Of solids	0.09 lb/lb	0.09 kg/kg
	By wt	
By wt LVP-VOC	8.6%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.60**

Volatile Organic Compounds - California

	E90GC101	
	LB/Gal	g/L
Coating Density	28.87	3459
	By wt	By vol
Total Volatiles	8.6%	34.6%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	8.6%	34.6%
Percent Non-Volatile	91.4%	65.4%
VOC Content	LB/Gal	g/L
Total	2.48	297
Less exempt solvents	2.48	297
Of solids	3.80	455
Of solids	0.09 lb/lb	0.09 kg/kg
	By wt	
By wt LVP-VOC	8.6%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.60**

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

	E90GC101	
	LB/Gal	g/L
Coating Density	28.87	3459
	By wt	By vol
Total Volatiles	8.6%	34.6%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	8.6%	34.6%
Percent Non-Volatile	91.4%	65.4%
VOC Content	LB/Gal	g/L
Total	2.48	297
Less exempt solvents	2.48	297
Of solids	3.80	455
Of solids	0.09 lb/lb	0.09 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	E90GC101	
	By wt	By vol
Total Volatiles	8.6%	34.6%
VOC Content	LB/Gal	g/L
Total	2.48	298

Volatile Organic Compounds - EU Directive 2010/75/EU

	E90GC101	
	By wt	By vol
Total Volatiles	8.6%	34.6%
VOC Content	LB/Gal	g/L
Total	2.48	297

Volatile Organic Compounds - Mexico

	E90GC101	
	LB/Gal	g/L
Coating Density	28.87	3459
	By wt	By vol
Total Volatiles	8.6%	34.6%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	8.6%	34.6%
Percent Non-Volatile	91.4%	65.4%
VOC Content	LB/Gal	g/L
Total	2.48	297
Less exempt solvents	2.48	297
Of solids	3.80	455
Of solids	0.09 lb/lb	0.09 kg/kg

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

	E90GC101	
	LB/Gal	kg/L
Volatile HAPS	1.66	0.199
Of solids	2.54	0.304
Of solids	0.06 lb/lb	0.06 kg/kg

Air Quality Data**Density of Organic Solvent Blend**

7.19 lb/gal

Photochemically Reactive

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.

The addition of any material to this product can change the composition, hazards and risks of the product and 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.