

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation

May 12, 2024

14 00 [0354]

PRODUCT NUMBER

B70R8101

PRODUCT NAME

ARMORSEAL® 8100 Epoxy - Gloss (Part A), Safety Red

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)

B70R8101 = | Acute | Chronic |

Product Weight

9.09 lb/gal

Specific Gravity

1.09

FLASH POINT

N.A.

AS MIXED (as per product data sheet): catalyzed 4:1; part A to part B, unreduced

AS MIXED

Product Weight

9.01 lb/gal

Specific Gravity

1.08

FLASH POINT

N.A.

Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Water 7732-18-5	N	N	N	N	55	61

Regulated Compounds

	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Lead (as Pb)	N	N	Y	N	0.0000003	

Volatile Ingredients AS MIXED

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Water 7732-18-5	N	N	N	N	57	63

Regulated Compounds AS MIXED

	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Lead (as Pb)	N	N	Y	N	0.0000005	

Volatile Organic Compounds - U.S. EPA / Canada

	B70R8101		AS MIXED catalyzed 4:1; part A to part B, unreduced	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	9.09	1089	9.01	1079
	By wt	By vol	By wt	By vol
Total Volatiles	55.3%	61.0%	57.4%	62.7%
Federally exempt solvents				
Water	55.3%	61.0%	57.4%	62.7%
Organic Volatiles	0.0%	0.0%	0.0%	0.0%
Percent Non-Volatile	44.7%	39.0%	42.6%	37.3%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	0.00	0	0.00	0
Less exempt solvents	0.00	0	0.00	0
Of solids	0.00	0	0.00	0
Of solids	0.00 lb/lb	0.00 kg/kg	0.00 lb/lb	0.00 kg/kg
	By wt		By wt	
By wt LVP-VOC	0.0%		0.0%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.00**

AS MIXED Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.00**

Volatile Organic Compounds - California

	B70R8101		AS MIXED catalyzed 4:1; part A to part B, unreduced	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	9.09	1089	9.01	1079
	By wt	By vol	By wt	By vol
Total Volatiles	55.3%	61.0%	57.4%	62.7%
Exempt solvents				
Water	55.3%	61.0%	57.4%	62.7%
Organic Volatiles	0.0%	0.0%	0.0%	0.0%
Percent Non-Volatile	44.7%	39.0%	42.6%	37.3%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	0.00	0	0.00	0
Less exempt solvents	0.00	0	0.00	0
Of solids	0.00	0	0.00	0
Of solids	0.00 lb/lb	0.00 kg/kg	0.00 lb/lb	0.00 kg/kg
	By wt		By wt	
By wt LVP-VOC	0.0%		0.0%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.00**

AS MIXED Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.00**

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

	B70R8101		AS MIXED catalyzed 4:1; part A to part B, unreduced	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	9.09	1089	9.01	1079
	By wt	By vol	By wt	By vol
Total Volatiles	55.3%	61.0%	57.4%	62.7%
Exempt solvents				
Water	55.3%	61.0%	57.4%	62.7%
Organic Volatiles	0.0%	0.0%	0.0%	0.0%
Percent Non-Volatile	44.7%	39.0%	42.6%	37.3%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	0.00	0	0.00	0
Less exempt solvents	0.00	0	0.00	0
Of solids	0.00	0	0.00	0
Of solids	0.00 lb/lb	0.00 kg/kg	0.00 lb/lb	0.00 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	B70R8101		AS MIXED catalyzed 4:1; part A to part B, unreduced	
	By wt	By vol	By wt	By vol
Total Volatiles	55.3%	61.0%	57.7%	63.0%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	0.00	0	0.02	3

Volatile Organic Compounds - EU Directive 2010/75/EU

	B70R8101		AS MIXED catalyzed 4:1; part A to part B, unreduced	
	By wt	By vol	By wt	By vol
Total Volatiles	55.3%	61.0%	57.4%	62.7%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	0.00	0	0.00	0

Volatile Organic Compounds - Mexico

	B70R8101		AS MIXED catalyzed 4:1; part A to part B, unreduced	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	9.09	1089	9.01	1079
	By wt	By vol	By wt	By vol
Total Volatiles	55.3%	61.0%	57.4%	62.7%
Exempt solvents				
Water	55.3%	61.0%	57.4%	62.7%
Organic Volatiles	0.0%	0.0%	0.0%	0.0%
Percent Non-Volatile	44.7%	39.0%	42.6%	37.3%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	0.00	0	0.00	0
Less exempt solvents	0.00	0	0.00	0
Of solids	0.00	0	0.00	0
Of solids	0.00 lb/lb	0.00 kg/kg	0.00 lb/lb	0.00 kg/kg

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

	B70R8101		AS MIXED catalyzed 4:1; part A to part B, unreduced	
	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

9.10 lb/gal

Photochemically Reactive

No

Density of Organic Solvent Blend AS MIXED

8.84 lb/gal

Photochemically Reactive AS MIXED

No

Waste Disposal

Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

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.