

# ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation  
Apr 20, 2024

09 00 [1983]

## PRODUCT NUMBER

AIP101

## PRODUCT NAME

AIC ADVANCED INDUSTRIAL COATINGS, Black Epoxy Primer

## MANUFACTURER'S NAME

THE SHERWIN-WILLIAMS COMPANY

101 W. Prospect Avenue

Cleveland, OH 44115-1075

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)

AIP101 = | Acute | Chronic | Fire |

## Product Weight

11.26 lb/gal

## Specific Gravity

1.36

## FLASH POINT

60 °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	0.1	0.2
Methyl Isobutyl Ketone 108-10-1	N	Y	Y	Y	11	19
n-Butyl Acetate 123-86-4	N	Y	N	N	16	25

## Regulated Compounds

	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Zinc (as Zn)	N	Y	Y	N	4	
Lead (as Pb)	N	N	Y	N	0.001	
Zinc Compound	N	N	Y	N	5	

**Volatile Organic Compounds - U.S. EPA / Canada**

	AIP101	
	LB/Gal	g/L
Coating Density	11.26	1349
	By wt	By vol
Total Volatiles	29.5%	47.1%
Federally exempt solvents		
Water	0.0%	0.0%
2-Amino-2-Methyl-1-Propanol	0.3%	0.4%
Organic Volatiles	29.1%	46.6%
Percent Non-Volatile	70.5%	52.9%
VOC Content	LB/Gal	g/L
Total	3.28	393
Less exempt solvents	3.29	395
Of solids	6.20	743
Of solids	0.41 lb/lb	0.41 kg/kg
	By wt	
By wt LVP-VOC	29.1%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.79**

**Volatile Organic Compounds - California**

	AIP101	
	LB/Gal	g/L
Coating Density	11.26	1349
	By wt	By vol
Total Volatiles	29.5%	47.1%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	29.5%	47.1%
Percent Non-Volatile	70.5%	52.9%
VOC Content	LB/Gal	g/L
Total	3.32	397
Less exempt solvents	3.32	398
Of solids	6.27	752
Of solids	0.41 lb/lb	0.41 kg/kg
	By wt	
By wt LVP-VOC	29.4%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.63**

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

	AIP101	
	LB/Gal	g/L
Coating Density	11.26	1349
	By wt	By vol
Total Volatiles	29.5%	47.1%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	29.4%	47.0%
Percent Non-Volatile	70.5%	52.9%
VOC Content	LB/Gal	g/L
Total	3.31	397
Less exempt solvents	3.31	397
Of solids	6.26	750
Of solids	0.41 lb/lb	0.41 kg/kg

**Volatile Organic Compounds - EU Directive 2004/42/EC**

	AIP101	
	By wt	By vol
Total Volatiles	29.5%	47.1%
VOC Content	LB/Gal	g/L
Total	3.32	397

**Volatile Organic Compounds - EU Directive 2010/75/EU**

	AIP101	
	By wt	By vol
Total Volatiles	29.4%	47.0%
VOC Content	LB/Gal	g/L
Total	3.31	397

**Volatile Organic Compounds - Mexico**

	AIP101	
	LB/Gal	g/L
Coating Density	11.26	1349
	By wt	By vol
Total Volatiles	29.5%	47.1%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	29.5%	47.1%
Percent Non-Volatile	70.5%	52.9%
VOC Content	LB/Gal	g/L
Total	3.32	397
Less exempt solvents	3.32	398
Of solids	6.27	752
Of solids	0.41 lb/lb	0.41 kg/kg

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

	AIP101	
	LB/Gal	kg/L
Volatile HAPS	1.26	0.151
Of solids	2.38	0.286
Of solids	0.15 lb/lb	0.15 kg/kg

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

7.05 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.