

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation
Apr 19, 2024

21 00 [1963]

PRODUCT NUMBER

FPC135SY

PRODUCT NAME

AIC ADVANCED INDUSTRIAL COATINGS Acrylic Enamel, Safety Yellow

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)

FPC135SY = | Acute | Chronic | Fire |

Product Weight

8.09 lb/gal

Specific Gravity

0.97

FLASH POINT

50 °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	2	2
Xylene 1330-20-7	N	Y	Y	Y	9	10
2-Butoxyethanol 111-76-2	N	N	Y - Glycol Ethers (SARA)	N	1	1
Acetone 67-64-1	N	Y	N	N	14	17
Methyl Ethyl Ketone 78-93-3	N	Y	N	N	2	2
Methyl n-Propyl Ketone 107-87-9	N	N	N	N	2	2
Methyl Isobutyl Ketone 108-10-1	N	Y	Y	Y	0.1	0.1
Methyl n-Amyl Ketone 110-43-0	N	N	N	N	6	7
n-Butyl Acetate 123-86-4	N	Y	N	N	8	9
2-Butoxyethyl Acetate 112-07-2	N	N	Y - Glycol Ethers (SARA)	Y - Glycol Ethers (HAPS)	2	2

Regulated Compounds

	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Lead (as Pb)	N	N	Y	N	0.0000001	
Glycol Ethers (SARA)	N	N	Y	N	3	
Glycol Ethers (HAPS)	N	N	N	Y	2	

Volatile Organic Compounds - U.S. EPA / Canada

	FPC135SY	
	LB/Gal	g/L
Coating Density	8.09	969
	By wt	By vol
Total Volatiles	48.2%	56.4%
Federally exempt solvents		
Water	0.0%	0.0%
Acetone	13.8%	17.0%
T-Butyl Acetate	0.6%	0.7%
Organic Volatiles	33.8%	38.8%
Percent Non-Volatile	51.8%	43.6%
VOC Content	LB/Gal	g/L
Total	2.73	327
Less exempt solvents	3.31	397
Of solids	6.27	751
Of solids	0.65 lb/lb	0.65 kg/kg
	By wt	
By wt LVP-VOC	33.8%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **1.25**

Volatile Organic Compounds - California

	FPC135SY	
	LB/Gal	g/L
Coating Density	8.09	969
	By wt	By vol
Total Volatiles	48.2%	56.4%
Exempt solvents		
Water	0.0%	0.0%
Acetone	13.8%	17.0%
Organic Volatiles	34.4%	39.4%
Percent Non-Volatile	51.8%	43.6%
VOC Content	LB/Gal	g/L
Total	2.78	333
Less exempt solvents	3.35	401
Of solids	6.38	765
Of solids	0.66 lb/lb	0.66 kg/kg
	By wt	
By wt LVP-VOC	34.4%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **1.18**

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

	FPC135SY	
	LB/Gal	g/L
Coating Density	8.09	969
	By wt	By vol
Total Volatiles	48.2%	56.4%
Exempt solvents		
Water	0.0%	0.0%
Acetone	13.8%	17.0%
Organic Volatiles	34.4%	39.4%
Percent Non-Volatile	51.8%	43.6%
VOC Content	LB/Gal	g/L
Total	2.78	333
Less exempt solvents	3.35	401
Of solids	6.38	765
Of solids	0.66 lb/lb	0.66 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	FPC135SY	
	By wt	By vol
Total Volatiles	48.2%	56.4%
VOC Content	LB/Gal	g/L
Total	3.90	467

Volatile Organic Compounds - EU Directive 2010/75/EU

	FPC135SY	
	By wt	By vol
Total Volatiles	48.2%	56.4%
VOC Content	LB/Gal	g/L
Total	3.90	467

Volatile Organic Compounds - Mexico

	FPC135SY	
	LB/Gal	g/L
Coating Density	8.09	969
	By wt	By vol
Total Volatiles	48.2%	56.4%
Exempt solvents		
Water	0.0%	0.0%
Acetone	13.8%	17.0%
Organic Volatiles	34.4%	39.4%
Percent Non-Volatile	51.8%	43.6%
VOC Content	LB/Gal	g/L
Total	2.78	333
Less exempt solvents	3.35	401
Of solids	6.38	765
Of solids	0.66 lb/lb	0.66 kg/kg

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

	FPC135SY	
	LB/Gal	kg/L
Volatile HAPS	1.04	0.125
Of solids	2.40	0.287
Of solids	0.24 lb/lb	0.24 kg/kg

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

6.91 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.