

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation
Oct 1, 2024

34 00 [2754]

PRODUCT NUMBER

B65W651

PRODUCT NAME

ACROLON™ 218 HS Polyurethane - Semi-Gloss (Part A), Extra White/Tint 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)

B65W651 = | Acute | Chronic | Fire |

Product Weight

11.22 lb/gal

Specific Gravity

1.35

FLASH POINT

55 °F PMCC

AS MIXED (as per product data sheet): Catalyzed ACROLON* 218 HS Polyurethane - Semi-Gloss (Part A), Extra White/Tint B

AS MIXED

Product Weight

10.71 lb/gal

Specific Gravity

1.29

FLASH POINT

N.A.

Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Heavy Aromatic Naphtha 64742-94-5	N	N	N	N	1	2
Naphthalene 91-20-3	N	Y	Y	Y	0.2	0.3
Methyl Ethyl Ketone 78-93-3	N	Y	N	N	5	9
Methyl Isobutyl Ketone 108-10-1	N	Y	Y	Y	3	5
n-Butyl Acetate 123-86-4	N	Y	N	N	8	13
1-Methoxy-2-Propanol Acetate 108-65-6	N	N	N	N	5	7

Regulated Compounds

	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Mercury (as Hg)	N	N	Y	N	0.000003	
Lead (as Pb)	N	N	Y	N	0.0001	

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	0.5	0.8
Xylene 1330-20-7	N	Y	Y	Y	3	5
Heavy Aromatic Naphtha 64742-94-5	N	N	N	N	1	2
Naphthalene 91-20-3	N	Y	Y	Y	0.2	0.2
Methyl Ethyl Ketone 78-93-3	N	Y	N	N	4	7
Methyl Isobutyl Ketone 108-10-1	N	Y	Y	Y	5	8
n-Butyl Acetate 123-86-4	N	Y	N	N	6	8
1-Methoxy-2-Propanol Acetate 108-65-6	N	N	N	N	4	5

Regulated Compounds AS MIXED

	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Mercury (as Hg)	N	N	Y	N	0.000002	
Lead (as Pb)	N	N	Y	N	0.00008	

Volatile Organic Compounds - U.S. EPA / Canada

	B65W651		AS MIXED Catalyzed ACROLON* 218 HS Polyurethane - Semi-Gloss (Part A), Extra White/Tint B	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	11.22	1344	10.71	1283
	By wt	By vol	By wt	By vol
Total Volatiles	24.9%	39.5%	25.1%	38.3%
Federally exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	24.9%	39.5%	25.1%	38.3%
Percent Non-Volatile	75.1%	60.5%	74.9%	61.7%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	2.79	335	2.69	322
Less exempt solvents	2.79	335	2.69	322
Of solids	4.62	553	4.36	523
Of solids	0.33 lb/lb	0.33 kg/kg	0.33 lb/lb	0.33 kg/kg
	By wt		By wt	
By wt LVP-VOC	22.8%		23.4%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.49**

AS MIXED Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.72**

Volatile Organic Compounds - California

	B65W651		AS MIXED	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	11.22	1344	10.71	1283
	By wt	By vol	By wt	By vol
Total Volatiles	24.9%	39.5%	25.1%	38.3%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	24.9%	39.5%	25.1%	38.3%
Percent Non-Volatile	75.1%	60.5%	74.9%	61.7%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	2.79	335	2.69	322
Less exempt solvents	2.79	335	2.69	322
Of solids	4.62	553	4.36	523
Of solids	0.33 lb/lb	0.33 kg/kg	0.33 lb/lb	0.33 kg/kg
	By wt		By wt	
By wt LVP-VOC	22.8%		23.4%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.47**

AS MIXED Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.69**

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

	B65W651		AS MIXED	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	11.22	1344	10.71	1283
	By wt	By vol	By wt	By vol
Total Volatiles	24.9%	39.5%	25.1%	38.3%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	24.9%	39.5%	25.1%	38.3%
Percent Non-Volatile	75.1%	60.5%	74.9%	61.7%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	2.79	335	2.69	322
Less exempt solvents	2.79	335	2.69	322
Of solids	4.62	553	4.36	523
Of solids	0.33 lb/lb	0.33 kg/kg	0.33 lb/lb	0.33 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	B65W651		AS MIXED	
	By wt	By vol	By wt	By vol
Total Volatiles	25.3%	40.0%	25.4%	38.7%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	2.83	340	2.72	326

Volatile Organic Compounds - EU Directive 2010/75/EU

	B65W651		AS MIXED Catalyzed ACROLON* 218 HS Polyurethane - Semi-Gloss (Part A), Extra White/Tint B	
	By wt	By vol	By wt	By vol
Total Volatiles	24.9%	39.5%	25.1%	38.3%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	2.79	335	2.69	322

Volatile Organic Compounds - Mexico

	B65W651		AS MIXED Catalyzed ACROLON* 218 HS Polyurethane - Semi-Gloss (Part A), Extra White/Tint B	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	11.22	1344	10.71	1283
	By wt	By vol	By wt	By vol
Total Volatiles	24.9%	39.5%	25.1%	38.3%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	24.9%	39.5%	25.1%	38.3%
Percent Non-Volatile	75.1%	60.5%	74.9%	61.7%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	2.79	335	2.69	322
Less exempt solvents	2.79	335	2.69	322
Of solids	4.62	553	4.36	523
Of solids	0.33 lb/lb	0.33 kg/kg	0.33 lb/lb	0.33 kg/kg

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

	B65W651		AS MIXED Catalyzed ACROLON* 218 HS Polyurethane - Semi-Gloss (Part A), Extra White/Tint B	
	LB/Gal	kg/L	LB/Gal	kg/L
Volatile HAPS	0.36	0.043	0.96	0.116
Of solids	0.59	0.071	1.57	0.188
Of solids	0.04 lb/lb	0.04 kg/kg	0.12 lb/lb	0.12 kg/kg

Air Quality Data

Density of Organic Solvent Blend

7.08 lb/gal

Photochemically Reactive

Yes

Density of Organic Solvent Blend AS MIXED

7.03 lb/gal

Photochemically Reactive AS MIXED

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.