

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation

Apr 20, 2024

12 00 [1253]

PRODUCT NUMBER

G78YC35

PRODUCT NAME

PERMACLAD® 4000 Enamel, Yellow Oxide

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)

G78YC35 = | Acute | Chronic | Fire |

Product Weight

10.04 lb/gal

Specific Gravity

1.21

FLASH POINT

42 °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	0.2	0.3
Light Aromatic Hydrocarbons 64742-95-6	N	N	N	N	7	9
Cumene 98-82-8	N	Y	Y	Y	0.5	0.6
1,3,5-Trimethylbenzene 108-67-8	N	N	N	N	2	2
1,2,4-Trimethylbenzene 95-63-6	N	N	Y	N	2	2
Trimethylbenzene 25551-13-7	N	N	N	N	4	5
2-Butoxyethanol 111-76-2	N	N	Y - Glycol Ethers (SARA)	N	3	4
Acetone 67-64-1	N	Y	N	N	11	16
t-Butyl Acetate 540-88-5	N	Y	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	0.00002	
Lead (as Pb)	N	N	Y	N	0.00003	
Glycol Ethers (SARA)	N	N	Y	N	3	

Volatile Organic Compounds - U.S. EPA / Canada

	G78YC35	
	LB/Gal	g/L
Coating Density	10.04	1203
	By wt	By vol
Total Volatiles	36.2%	51.2%
Federally exempt solvents		
Water	0.0%	0.0%
Acetone	10.7%	16.3%
T-Butyl Acetate	5.0%	6.9%
Organic Volatiles	20.5%	28.0%
Percent Non-Volatile	63.8%	48.8%
VOC Content	LB/Gal	g/L
Total	2.05	246
Less exempt solvents	2.68	321
Of solids	4.21	505
Of solids	0.32 lb/lb	0.32 kg/kg
	By wt	
By wt LVP-VOC	19.6%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **1.36**

Volatile Organic Compounds - California

	G78YC35	
	LB/Gal	g/L
Coating Density	10.04	1203
	By wt	By vol
Total Volatiles	36.2%	51.2%
Exempt solvents		
Water	0.0%	0.0%
Acetone	10.7%	16.3%
Organic Volatiles	25.5%	34.9%
Percent Non-Volatile	63.8%	48.8%
VOC Content	LB/Gal	g/L
Total	2.55	306
Less exempt solvents	3.05	366
Of solids	5.24	628
Of solids	0.39 lb/lb	0.39 kg/kg
	By wt	
By wt LVP-VOC	24.6%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **1.36**

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

	G78YC35	
	LB/Gal	g/L
Coating Density	10.04	1203
	By wt	By vol
Total Volatiles	36.2%	51.2%
Exempt solvents		
Water	0.0%	0.0%
Acetone	10.7%	16.3%
Organic Volatiles	25.5%	34.9%
Percent Non-Volatile	63.8%	48.8%
VOC Content	LB/Gal	g/L
Total	2.55	306
Less exempt solvents	3.05	366
Of solids	5.24	628
Of solids	0.39 lb/lb	0.39 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	G78YC35	
	By wt	By vol
Total Volatiles	36.3%	51.4%
VOC Content	LB/Gal	g/L
Total	3.64	436

Volatile Organic Compounds - EU Directive 2010/75/EU

	G78YC35	
	By wt	By vol
Total Volatiles	35.4%	50.2%
VOC Content	LB/Gal	g/L
Total	3.55	426

Volatile Organic Compounds - Mexico

	G78YC35	
	LB/Gal	g/L
Coating Density	10.04	1203
	By wt	By vol
Total Volatiles	36.2%	51.2%
Exempt solvents		
Water	0.0%	0.0%
Acetone	10.7%	16.3%
Organic Volatiles	25.5%	34.9%
Percent Non-Volatile	63.8%	48.8%
VOC Content	LB/Gal	g/L
Total	2.55	306
Less exempt solvents	3.05	366
Of solids	5.24	628
Of solids	0.39 lb/lb	0.39 kg/kg

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

	G78YC35	
	LB/Gal	kg/L
Volatile HAPS	0.06	0.007
Of solids	0.13	0.016
Of solids	0.01 lb/lb	0.01 kg/kg

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

7.09 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.