

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation
Apr 19, 2024

15 00 [1253]

PRODUCT NUMBER

G78YC32

PRODUCT NAME

PERMACLAD® 4000 Enamel, Yellow Buff

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)

G78YC32 = | Acute | Chronic | Fire |

Product Weight

10.63 lb/gal

Specific Gravity

1.28

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	10
Cumene 98-82-8	N	Y	Y	Y	0.4	0.6
1,3,5-Trimethylbenzene 108-67-8	N	N	N	N	1	2
1,2,4-Trimethylbenzene 95-63-6	N	N	Y	N	1	2
Trimethylbenzene 25551-13-7	N	N	N	N	3	5
Diacetone Alcohol 123-42-2	N	N	N	N	2	3
2-Butoxyethanol 111-76-2	N	N	Y - Glycol Ethers (SARA)	N	3	4
Ethyl 3-Ethoxypropionate 763-69-9	N	N	N	N	1	2
t-Butyl Acetate 540-88-5	N	Y	N	N	7	10
2-(2-Butoxyethoxy)ethyl Acetate 124-17-4	N	N	Y - Glycol Ethers (SARA)	Y - Glycol Ethers (HAPS)	1	1

Regulated Compounds

	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Antimony (as Sb)	N	Y	Y	N	2	
Mercury (as Hg)	N	N	Y	N	0.0000003	
Lead (as Pb)	N	N	Y	N	0.0000001	
Chromium Compound	N	N	Y	Y	23	
Antimony Compound	N	N	Y	Y	23	
Glycol Ethers (SARA)	N	N	Y	N	4	
Glycol Ethers (HAPS)	N	N	N	Y	1	

Volatile Organic Compounds - U.S. EPA / Canada

	G78YC32	
	LB/Gal	g/L
Coating Density	10.63	1273
	By wt	By vol
Total Volatiles	29.6%	42.6%
Federally exempt solvents		
Water	0.0%	0.0%
T-Butyl Acetate	6.6%	9.8%
Organic Volatiles	22.9%	32.8%
Percent Non-Volatile	70.4%	57.4%
VOC Content	LB/Gal	g/L
Total	2.43	292
Less exempt solvents	2.70	323
Of solids	4.24	508
Of solids	0.32 lb/lb	0.32 kg/kg
	By wt	
By wt LVP-VOC	21.8%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **1.29**

Volatile Organic Compounds - California

	G78YC32	
	LB/Gal	g/L
Coating Density	10.63	1273
	By wt	By vol
Total Volatiles	29.6%	42.6%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	29.6%	42.6%
Percent Non-Volatile	70.4%	57.4%
VOC Content	LB/Gal	g/L
Total	3.14	376
Less exempt solvents	3.14	376
Of solids	5.47	655
Of solids	0.42 lb/lb	0.42 kg/kg
	By wt	
By wt LVP-VOC	28.5%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **1.32**

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

	G78YC32	
	LB/Gal	g/L
Coating Density	10.63	1273
	By wt	By vol
Total Volatiles	29.6%	42.6%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	29.6%	42.6%
Percent Non-Volatile	70.4%	57.4%
VOC Content	LB/Gal	g/L
Total	3.14	376
Less exempt solvents	3.14	376
Of solids	5.47	655
Of solids	0.42 lb/lb	0.42 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	G78YC32	
	By wt	By vol
Total Volatiles	29.7%	42.7%
VOC Content	LB/Gal	g/L
Total	3.15	377

Volatile Organic Compounds - EU Directive 2010/75/EU

	G78YC32	
	By wt	By vol
Total Volatiles	29.6%	42.6%
VOC Content	LB/Gal	g/L
Total	3.14	376

Volatile Organic Compounds - Mexico

	G78YC32	
	LB/Gal	g/L
Coating Density	10.63	1273
	By wt	By vol
Total Volatiles	29.6%	42.6%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	29.6%	42.6%
Percent Non-Volatile	70.4%	57.4%
VOC Content	LB/Gal	g/L
Total	3.14	376
Less exempt solvents	3.14	376
Of solids	5.47	655
Of solids	0.42 lb/lb	0.42 kg/kg

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

	G78YC32	
	LB/Gal	kg/L
Volatile HAPS	0.17	0.021
Of solids	0.30	0.036
Of solids	0.02 lb/lb	0.02 kg/kg

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

7.39 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 and extractability 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.