

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation

Nov 7, 2023

13 00 [1253]

PRODUCT NUMBER

G78RC28

PRODUCT NAME

PERMACLAD® 4000 Enamel, Red Oxide YS

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. Variations may occur on individual batches due to adjustments made during production.

Hazard Category (for SARA 311.312)

G78RC28 = | Acute | Chronic | Fire |

Product Weight

10.45 lb/gal

Specific Gravity

1.26

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	< 1
Light Aromatic Hydrocarbons 64742-95-6	N	N	N	N	7	10
Cumene 98-82-8	N	Y	Y	Y	0.4	< 1
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	5
Acetone 67-64-1	N	Y	N	N	8	13
t-Butyl Acetate 540-88-5	N	Y	N	N	3	4

Regulated Compounds

	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Glycol Ethers (SARA)	N	N	Y	N	3	

Volatile Organic Compounds - U.S. EPA / Canada

	G78RC28	
	LB/Gal	g/L
Coating Density	10.45	1252
	By wt	By vol
Total Volatiles	32.5%	47.7%
Federally exempt solvents		
Water	0.0%	0.0%
Acetone	8.4%	13.3%
T-Butyl Acetate	2.9%	4.2%
Organic Volatiles	21.2%	30.2%
Percent Non-Volatile	67.5%	52.3%
VOC Content	LB/Gal	g/L
Total	2.22	266
Less exempt solvents	2.69	322
Of solids	4.24	508
Of solids	0.31 lb/lb	0.31 kg/kg
	By wt	
By wt LVP-VOC	20.3%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **1.37**

Volatile Organic Compounds - California

	G78RC28	
	LB/Gal	g/L
Coating Density	10.45	1252
	By wt	By vol
Total Volatiles	32.5%	47.7%
Exempt solvents		
Water	0.0%	0.0%
Acetone	8.4%	13.3%
Organic Volatiles	24.1%	34.4%
Percent Non-Volatile	67.5%	52.3%
VOC Content	LB/Gal	g/L
Total	2.52	302
Less exempt solvents	2.91	348
Of solids	4.82	577
Of solids	0.35 lb/lb	0.35 kg/kg
	By wt	
By wt LVP-VOC	23.2%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **1.40**

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

	G78RC28	
	LB/Gal	g/L
Coating Density	10.45	1252
	By wt	By vol
Total Volatiles	32.5%	47.7%
Exempt solvents		
Water	0.0%	0.0%
Acetone	8.4%	13.3%
Organic Volatiles	24.1%	34.4%
Percent Non-Volatile	67.5%	52.3%
VOC Content	LB/Gal	g/L
Total	2.52	302
Less exempt solvents	2.91	348
Of solids	4.82	577
Of solids	0.35 lb/lb	0.35 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	G78RC28	
	By wt	By vol
Total Volatiles	32.7%	47.8%
VOC Content	LB/Gal	g/L
Total	3.41	408

Volatile Organic Compounds - EU Directive 2010/75/EU

	G78RC28	
	By wt	By vol
Total Volatiles	31.7%	46.5%
VOC Content	LB/Gal	g/L
Total	3.31	397

Volatile Organic Compounds - Mexico

	G78RC28	
	LB/Gal	g/L
Coating Density	10.45	1252
	By wt	By vol
Total Volatiles	32.5%	47.7%
Exempt solvents		
Water	0.0%	0.0%
Acetone	8.4%	13.3%
Organic Volatiles	24.1%	34.4%
Percent Non-Volatile	67.5%	52.3%
VOC Content	LB/Gal	g/L
Total	2.52	302
Less exempt solvents	2.91	348
Of solids	4.82	577
Of solids	0.35 lb/lb	0.35 kg/kg

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

	G78RC28	
	LB/Gal	kg/L
Volatile HAPS	0.07	0.008
Of solids	0.13	0.016
Of solids	0.01 lb/lb	0.01 kg/kg

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

7.13 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.

Addition of reducers or other additives to this product 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.