

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation
Jul 2, 2024

10 00 [0554]

PRODUCT NUMBER

C38578

PRODUCT NAME

POLARION® Exterior 2K Acrylic Polyurethane, Gloss

MANUFACTURER'S NAME

M. L. CAMPBELL
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)

C38578 = | Acute | Chronic | Fire |

Product Weight

7.88 lb/gal

Specific Gravity

0.95

FLASH POINT

29 °F PMCC

Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	HAPS 112	% by Weight	% by Volume
Methyl Ethyl Ketone 78-93-3	N	Y	N	14	16
Methyl n-Amyl Ketone 110-43-0	N	N	N	3	3
dimethyl carbonate 616-38-6	N	N	N	4	3
n-Butyl Propionate 590-01-2	N	N	N	8	9
n-Butyl Acetate 123-86-4	N	Y	N	34	36

Volatile Organic Compounds - U.S. EPA / Canada

	C38578	
	LB/Gal	g/L
Coating Density	7.88	943
	By wt	By vol
Total Volatiles	64.7%	70.3%
Federally exempt solvents		
Water	0.0%	0.0%
Dimethyl carbonate	3.8%	3.4%
Organic Volatiles	60.9%	66.9%
Percent Non-Volatile	35.3%	29.7%
VOC Content	LB/Gal	g/L
Total	4.79	574
Less exempt solvents	4.96	594
Of solids	16.12	1932
Of solids	1.72 lb/lb	1.72 kg/kg
	By wt	
By wt LVP-VOC	60.5%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.70**

Volatile Organic Compounds - California

	C38578	
	LB/Gal	g/L
Coating Density	7.88	943
	By wt	By vol
Total Volatiles	64.7%	70.3%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	64.7%	70.3%
Percent Non-Volatile	35.3%	29.7%
VOC Content	LB/Gal	g/L
Total	5.09	610
Less exempt solvents	5.09	610
Of solids	17.14	2054
Of solids	1.83 lb/lb	1.83 kg/kg
	By wt	
By wt LVP-VOC	64.3%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.66**

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

	C38578	
	LB/Gal	g/L
Coating Density	7.88	943
	By wt	By vol
Total Volatiles	64.7%	70.3%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	64.7%	70.3%
Percent Non-Volatile	35.3%	29.7%
VOC Content	LB/Gal	g/L
Total	5.09	610
Less exempt solvents	5.09	610
Of solids	17.14	2054
Of solids	1.83 lb/lb	1.83 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	C38578	
	By wt	By vol
Total Volatiles	64.5%	70.1%
VOC Content	LB/Gal	g/L
Total	5.08	608

Volatile Organic Compounds - EU Directive 2010/75/EU

	C38578	
	By wt	By vol
Total Volatiles	64.3%	69.9%
VOC Content	LB/Gal	g/L
Total	5.06	606

Volatile Organic Compounds - Mexico

	C38578	
	LB/Gal	g/L
Coating Density	7.88	943
	By wt	By vol
Total Volatiles	64.7%	70.3%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	64.7%	70.3%
Percent Non-Volatile	35.3%	29.7%
VOC Content	LB/Gal	g/L
Total	5.09	610
Less exempt solvents	5.09	610
Of solids	17.14	2054
Of solids	1.83 lb/lb	1.83 kg/kg

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

	C38578	
	LB/Gal	kg/L
Volatile HAPS	0.00	0.000
Of solids	0.00	0.000
Of solids	0.00 lb/lb	0.00 kg/kg

Air Quality Data

Density of Organic Solvent Blend

7.25 lb/gal

Photochemically Reactive

No

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.