

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation
Sep 26, 2020

12 00 [2607]

PRODUCT NUMBER

E2L1014

PRODUCT NAME

METAL DIRECT™ Acrylic Urethane (Part A), National Blue

MANUFACTURER'S NAME

THE SHERWIN-WILLIAMS COMPANY
Cleveland, OH 44115-1075

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)

E2L1014 = | Acute | Chronic | Fire |

Product Weight

9.19 lb/gal

Specific Gravity

1.11

FLASH POINT

19 °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	0.1	< 1
p-Chlorobenzotrifluoride 98-56-6	N	N	N	N	18	15
Acetone 67-64-1	N	Y	N	N	14	19
Methyl n-Propyl Ketone 107-87-9	N	N	N	N	1	2
2,4-Pentanedione 123-54-6	N	N	N	N	2	2
Methyl n-Amyl Ketone 110-43-0	N	N	N	N	10	14
1-Methoxy-2-Propanol Acetate 108-65-6	N	N	N	N	3	4

Volatile Organic Compounds - U.S. EPA / Canada

	E2L1014	
	LB/Gal	g/L
Coating Density	9.19	1101
	By wt	By vol
Total Volatiles	52.3%	60.7%
Federally exempt solvents		
Water	0.0%	0.0%
P-Chlorobenzotrifluoride	18.1%	14.9%
Acetone	13.9%	19.4%
Organic Volatiles	20.3%	26.4%
Percent Non-Volatile	47.7%	39.3%
VOC Content	LB/Gal	g/L
Total	1.86	223
Less exempt solvents	2.83	340
Of solids	4.74	568
Of solids	0.42 lb/lb	0.42 kg/kg
	By wt	
By wt LVP-VOC	18.6%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.82**

Volatile Organic Compounds - California

	E2L1014	
	LB/Gal	g/L
Coating Density	9.19	1101
	By wt	By vol
Total Volatiles	52.3%	60.7%
Exempt solvents		
Water	0.0%	0.0%
P-Chlorobenzotrifluoride	18.1%	14.9%
Acetone	13.9%	19.4%
Organic Volatiles	20.3%	26.4%
Percent Non-Volatile	47.7%	39.3%
VOC Content	LB/Gal	g/L
Total	1.86	223
Less exempt solvents	2.83	340
Of solids	4.74	568
Of solids	0.42 lb/lb	0.42 kg/kg
	By wt	
By wt LVP-VOC	18.6%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.64**

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

	E2L1014	
	LB/Gal	g/L
Coating Density	9.19	1101
	By wt	By vol
Total Volatiles	52.3%	60.7%
Exempt solvents		
Water	0.0%	0.0%
P-Chlorobenzotrifluoride	18.1%	14.9%
Acetone	13.9%	19.4%
Organic Volatiles	20.3%	26.4%
Percent Non-Volatile	47.7%	39.3%
VOC Content	LB/Gal	g/L
Total	1.86	223
Less exempt solvents	2.83	340
Of solids	4.74	568
Of solids	0.42 lb/lb	0.42 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	E2L1014	
	By wt	By vol
Total Volatiles	52.0%	60.4%
VOC Content	LB/Gal	g/L
Total	4.78	572

Volatile Organic Compounds - EU Directive 2010/75/EU

	E2L1014	
	By wt	By vol
Total Volatiles	52.0%	60.3%
VOC Content	LB/Gal	g/L
Total	4.77	572

Volatile Organic Compounds - Mexico

	E2L1014	
	LB/Gal	g/L
Coating Density	9.19	1101
	By wt	By vol
Total Volatiles	52.3%	60.7%
Exempt solvents		
Water	0.0%	0.0%
Acetone	13.9%	19.4%
Organic Volatiles	38.4%	41.3%
Percent Non-Volatile	47.7%	39.3%
VOC Content	LB/Gal	g/L
Total	3.52	422
Less exempt solvents	4.37	524
Of solids	8.97	1075
Of solids	0.80 lb/lb	0.80 kg/kg

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

	E2L1014	
	LB/Gal	kg/L
Volatile HAPS	0.01	0.002
Of solids	0.04	0.005
Of solids	0.00 lb/lb	0.00 kg/kg

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

7.92 lb/gal

Photochemically Reactive

No

Additional Regulatory Information**US EPA TSCA:**

Not Applicable

Relevant identified uses of the substance or mixture and uses advised against:

Not Applicable

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.