

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation

Apr 10, 2021

14 00 [2607]

PRODUCT NUMBER

E2A1012

PRODUCT NAME

METAL DIRECT™ Acrylic Urethane (Part A), Gun Metal Gray

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)

E2A1012 = | Acute | Chronic | Fire |

Product Weight

10.92 lb/gal

Specific Gravity

1.31

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	7	7
Acetone 67-64-1	N	Y	N	N	12	20
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
5-Ethyl-2-nonanone 5440-89-1	N	N	N	N	1	2
Diamyl Ketone 927-49-1	N	N	N	N	1	2
Methyl n-Amyl Ketone 110-43-0	N	N	N	N	8	14
1-Methoxy-2-Propanol Acetate 108-65-6	N	N	N	N	3	3

Regulated Compounds

	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Nickel Compound	N	N	Y	Y	6	
Antimony Compound	N	N	Y	Y	6	

Volatile Organic Compounds - U.S. EPA / Canada

	E2A1012	
	LB/Gal	g/L
Coating Density	10.92	1308
	By wt	By vol
Total Volatiles	36.9%	54.3%
Federally exempt solvents		
Water	0.0%	0.0%
Acetone	11.9%	19.8%
P-Chlorobenzotrifluoride	6.8%	6.7%
Organic Volatiles	18.1%	27.9%
Percent Non-Volatile	63.1%	45.7%
VOC Content	LB/Gal	g/L
Total	1.97	236
Less exempt solvents	2.68	321
Of solids	4.32	517
Of solids	0.28 lb/lb	0.28 kg/kg
	By wt	
By wt LVP-VOC	15.4%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **1.00**

Volatile Organic Compounds - California

	E2A1012	
	LB/Gal	g/L
Coating Density	10.92	1308
	By wt	By vol
Total Volatiles	36.9%	54.3%
Exempt solvents		
Water	0.0%	0.0%
Acetone	11.9%	19.8%
P-Chlorobenzotrifluoride	6.8%	6.7%
Organic Volatiles	18.1%	27.9%
Percent Non-Volatile	63.1%	45.7%
VOC Content	LB/Gal	g/L
Total	1.97	236
Less exempt solvents	2.68	321
Of solids	4.32	518
Of solids	0.28 lb/lb	0.28 kg/kg
	By wt	
By wt LVP-VOC	15.4%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.69**

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

	E2A1012	
	LB/Gal	g/L
Coating Density	10.92	1308
	By wt	By vol
Total Volatiles	36.9%	54.3%
Exempt solvents		
Water	0.0%	0.0%
Acetone	11.9%	19.8%
P-Chlorobenzotrifluoride	6.8%	6.7%
Organic Volatiles	18.1%	27.9%
Percent Non-Volatile	63.1%	45.7%
VOC Content	LB/Gal	g/L
Total	1.97	236
Less exempt solvents	2.68	321
Of solids	4.32	517
Of solids	0.28 lb/lb	0.28 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	E2A1012	
	By wt	By vol
Total Volatiles	36.6%	54.0%
VOC Content	LB/Gal	g/L
Total	4.00	479

Volatile Organic Compounds - EU Directive 2010/75/EU

	E2A1012	
	By wt	By vol
Total Volatiles	36.6%	54.0%
VOC Content	LB/Gal	g/L
Total	3.99	478

Volatile Organic Compounds - Mexico

	E2A1012	
	LB/Gal	g/L
Coating Density	10.92	1308
	By wt	By vol
Total Volatiles	36.9%	54.3%
Exempt solvents		
Water	0.0%	0.0%
Acetone	11.9%	19.8%
Organic Volatiles	24.9%	34.6%
Percent Non-Volatile	63.1%	45.7%
VOC Content	LB/Gal	g/L
Total	2.72	326
Less exempt solvents	3.39	406
Of solids	5.96	714
Of solids	0.39 lb/lb	0.39 kg/kg

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

	E2A1012	
	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**

7.41 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 and extractability 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.