

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation
Jan 20, 2024

20 00 [2822]

PRODUCT NUMBER

E2Y1003

PRODUCT NAME

METAL DIRECT™ Acrylic Urethane (Part A), Safety Yellow

MANUFACTURER'S NAME

THE SHERWIN-WILLIAMS COMPANY

101 W. Prospect Avenue

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)

E2Y1003 = | Acute | Chronic | Fire |

Product Weight

8.35 lb/gal

Specific Gravity

1.00

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	0.2	< 1
p-Chlorobenzotrifluoride 98-56-6	N	N	N	N	3	2
Acetone 67-64-1	N	Y	N	N	26	33
Methyl n-Propyl Ketone 107-87-9	N	N	N	N	2	2
2,4-Pentanedione 123-54-6	N	N	N	N	3	3
Methyl Isobutyl Ketone 108-10-1	N	Y	Y	Y	0.1	< 1
Methyl n-Amyl Ketone 110-43-0	N	N	N	N	10	13
1-Methoxy-2-Propanol Acetate 108-65-6	N	N	N	N	2	2

Volatile Organic Compounds - U.S. EPA / Canada

	E2Y1003	
	LB/Gal	g/L
Coating Density	8.35	1000
	By wt	By vol
Total Volatiles	50.4%	60.4%
Federally exempt solvents		
Water	0.0%	0.0%
Acetone	26.1%	33.1%
P-Chlorobenzotrifluoride	3.1%	2.4%
Organic Volatiles	21.1%	25.0%
Percent Non-Volatile	49.6%	39.6%
VOC Content	LB/Gal	g/L
Total	1.76	210
Less exempt solvents	2.72	326
Of solids	4.44	533
Of solids	0.42 lb/lb	0.42 kg/kg
	By wt	
By wt LVP-VOC	19.4%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.78**

Volatile Organic Compounds - California

	E2Y1003	
	LB/Gal	g/L
Coating Density	8.35	1000
	By wt	By vol
Total Volatiles	50.4%	60.4%
Exempt solvents		
Water	0.0%	0.0%
Acetone	26.1%	33.1%
P-Chlorobenzotrifluoride	3.1%	2.4%
Organic Volatiles	21.1%	25.0%
Percent Non-Volatile	49.6%	39.6%
VOC Content	LB/Gal	g/L
Total	1.76	210
Less exempt solvents	2.72	326
Of solids	4.44	533
Of solids	0.42 lb/lb	0.42 kg/kg
	By wt	
By wt LVP-VOC	19.4%	

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

	E2Y1003	
	LB/Gal	g/L
Coating Density	8.35	1000
	By wt	By vol
Total Volatiles	50.4%	60.4%
Exempt solvents		
Water	0.0%	0.0%
Acetone	26.1%	33.1%
P-Chlorobenzotrifluoride	3.1%	2.4%
Organic Volatiles	21.1%	25.0%
Percent Non-Volatile	49.6%	39.6%
VOC Content	LB/Gal	g/L
Total	1.76	210
Less exempt solvents	2.72	326
Of solids	4.44	533
Of solids	0.42 lb/lb	0.42 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	E2Y1003	
	By wt	By vol
Total Volatiles	49.9%	60.0%
VOC Content	LB/Gal	g/L
Total	4.16	499

Volatile Organic Compounds - EU Directive 2010/75/EU

	E2Y1003	
	By wt	By vol
Total Volatiles	49.9%	60.0%
VOC Content	LB/Gal	g/L
Total	4.16	499

Volatile Organic Compounds - Mexico

	E2Y1003	
	LB/Gal	g/L
Coating Density	8.35	1000
	By wt	By vol
Total Volatiles	50.4%	60.4%
Exempt solvents		
Water	0.0%	0.0%
Acetone	26.1%	33.1%
Organic Volatiles	24.2%	27.3%
Percent Non-Volatile	49.6%	39.6%
VOC Content	LB/Gal	g/L
Total	2.02	242
Less exempt solvents	3.02	362
Of solids	5.11	612
Of solids	0.48 lb/lb	0.48 kg/kg

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

	E2Y1003	
	LB/Gal	kg/L
Volatile HAPS	0.03	0.003
Of solids	0.07	0.009
Of solids	0.00 lb/lb	0.00 kg/kg

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

6.96 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.

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.