

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation

Apr 19, 2024

17 00 [2822]

PRODUCT NUMBER

E2Y1004

PRODUCT NAME

METAL DIRECT™ Acrylic Urethane (Part A), Bright 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 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)

E2Y1004 = | Acute | Chronic | Fire |

Product Weight

8.38 lb/gal

Specific Gravity

1.01

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	0.3
p-Chlorobenzotrifluoride 98-56-6	N	N	N	N	3	2
Acetone 67-64-1	N	Y	N	N	21	27
Methyl n-Propyl Ketone 107-87-9	N	N	N	N	1	2
2,4-Pentanedione 123-54-6	N	N	N	N	2	3
Methyl n-Amyl Ketone 110-43-0	N	N	N	N	13	17
1-Methoxy-2-Propanol Acetate 108-65-6	N	N	N	N	1	1

Regulated Compounds

	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Lead (as Pb)	N	N	Y	N	0.0000001	

Volatile Organic Compounds - U.S. EPA / Canada

	E2Y1004	
	LB/Gal	g/L
Coating Density	8.38	1004
	By wt	By vol
Total Volatiles	46.2%	55.7%
Federally exempt solvents		
Water	0.0%	0.0%
Acetone	21.1%	26.9%
P-Chlorobenzotrifluoride	3.0%	2.3%
Organic Volatiles	22.0%	26.5%
Percent Non-Volatile	53.8%	44.3%
VOC Content	LB/Gal	g/L
Total	1.84	221
Less exempt solvents	2.60	312
Of solids	4.16	499
Of solids	0.40 lb/lb	0.40 kg/kg
	By wt	
By wt LVP-VOC	20.5%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.76**

Volatile Organic Compounds - California

	E2Y1004	
	LB/Gal	g/L
Coating Density	8.38	1004
	By wt	By vol
Total Volatiles	46.2%	55.7%
Exempt solvents		
Water	0.0%	0.0%
Acetone	21.1%	26.9%
P-Chlorobenzotrifluoride	3.0%	2.3%
Organic Volatiles	22.0%	26.5%
Percent Non-Volatile	53.8%	44.3%
VOC Content	LB/Gal	g/L
Total	1.84	221
Less exempt solvents	2.60	312
Of solids	4.16	499
Of solids	0.40 lb/lb	0.40 kg/kg
	By wt	
By wt LVP-VOC	20.5%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.63**

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

	E2Y1004	
	LB/Gal	g/L
Coating Density	8.38	1004
	By wt	By vol
Total Volatiles	46.2%	55.7%
Exempt solvents		
Water	0.0%	0.0%
Acetone	21.1%	26.9%
P-Chlorobenzotrifluoride	3.0%	2.3%
Organic Volatiles	22.0%	26.5%
Percent Non-Volatile	53.8%	44.3%
VOC Content	LB/Gal	g/L
Total	1.84	221
Less exempt solvents	2.60	312
Of solids	4.16	499
Of solids	0.40 lb/lb	0.40 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	E2Y1004	
	By wt	By vol
Total Volatiles	45.8%	55.3%
VOC Content	LB/Gal	g/L
Total	3.84	460

Volatile Organic Compounds - EU Directive 2010/75/EU

	E2Y1004	
	By wt	By vol
Total Volatiles	45.8%	55.3%
VOC Content	LB/Gal	g/L
Total	3.84	460

Volatile Organic Compounds - Mexico

	E2Y1004	
	LB/Gal	g/L
Coating Density	8.38	1004
	By wt	By vol
Total Volatiles	46.2%	55.7%
Exempt solvents		
Water	0.0%	0.0%
Acetone	21.1%	26.9%
Organic Volatiles	25.0%	28.8%
Percent Non-Volatile	53.8%	44.3%
VOC Content	LB/Gal	g/L
Total	2.09	251
Less exempt solvents	2.87	343
Of solids	4.73	567
Of solids	0.46 lb/lb	0.46 kg/kg

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

	E2Y1004	
	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**

6.95 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.