

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation

Oct 31, 2023

22 00 [0393]

PRODUCT NUMBER

E2W1005

PRODUCT NAME

METAL DIRECT™ Acrylic Urethane (Part A), White

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)

E2W1005 = | Acute | Chronic | Fire |

Product Weight

10.69 lb/gal

Specific Gravity

1.29

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	8	8
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	2	2
Diamyl Ketone 927-49-1	N	N	N	N	1	2
Methyl n-Amyl Ketone 110-43-0	N	N	N	N	10	16

Volatile Organic Compounds - U.S. EPA / Canada

	E2W1005	
	LB/Gal	g/L
Coating Density	10.69	1280
	By wt	By vol
Total Volatiles	38.0%	54.7%
Federally exempt solvents		
Water	0.0%	0.0%
Acetone	12.2%	19.7%
P-Chlorobenzotrifluoride	8.2%	7.9%
Organic Volatiles	17.6%	27.1%
Percent Non-Volatile	62.0%	45.3%
VOC Content	LB/Gal	g/L
Total	1.87	225
Less exempt solvents	2.59	310
Of solids	4.15	497
Of solids	0.28 lb/lb	0.28 kg/kg
	By wt	
By wt LVP-VOC	14.4%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **1.09**

Volatile Organic Compounds - California

	E2W1005	
	LB/Gal	g/L
Coating Density	10.69	1280
	By wt	By vol
Total Volatiles	38.0%	54.7%
Exempt solvents		
Water	0.0%	0.0%
Acetone	12.2%	19.7%
P-Chlorobenzotrifluoride	8.2%	7.9%
Organic Volatiles	17.6%	27.1%
Percent Non-Volatile	62.0%	45.3%
VOC Content	LB/Gal	g/L
Total	1.87	225
Less exempt solvents	2.59	310
Of solids	4.15	497
Of solids	0.28 lb/lb	0.28 kg/kg
	By wt	
By wt LVP-VOC	14.4%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.73**

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

	E2W1005	
	LB/Gal	g/L
Coating Density	10.69	1280
	By wt	By vol
Total Volatiles	38.0%	54.7%
Exempt solvents		
Water	0.0%	0.0%
Acetone	12.2%	19.7%
P-Chlorobenzotrifluoride	8.2%	7.9%
Organic Volatiles	17.6%	27.1%
Percent Non-Volatile	62.0%	45.3%
VOC Content	LB/Gal	g/L
Total	1.87	225
Less exempt solvents	2.59	310
Of solids	4.15	497
Of solids	0.28 lb/lb	0.28 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	E2W1005	
	By wt	By vol
Total Volatiles	37.7%	54.4%
VOC Content	LB/Gal	g/L
Total	4.03	482

Volatile Organic Compounds - EU Directive 2010/75/EU

	E2W1005	
	By wt	By vol
Total Volatiles	37.7%	54.4%
VOC Content	LB/Gal	g/L
Total	4.03	482

Volatile Organic Compounds - Mexico

	E2W1005	
	LB/Gal	g/L
Coating Density	10.69	1280
	By wt	By vol
Total Volatiles	38.0%	54.7%
Exempt solvents		
Water	0.0%	0.0%
Acetone	12.2%	19.7%
Organic Volatiles	25.8%	35.0%
Percent Non-Volatile	62.0%	45.3%
VOC Content	LB/Gal	g/L
Total	2.75	330
Less exempt solvents	3.43	411
Of solids	6.08	729
Of solids	0.41 lb/lb	0.41 kg/kg

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

	E2W1005	
	LB/Gal	kg/L
Volatile HAPS	0.02	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

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.