

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation
Apr 20, 2024

09 00 [2123]

PRODUCT NUMBER

C71B6

PRODUCT NAME

MIL-PRF-14105E Type I High Heat Coating Black 37030 Q2212

MANUFACTURER'S NAME

THE SHERWIN-WILLIAMS CO.
101 W. Prospect Avenue
Cleveland, OH 44115

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)

C71B6 = | Acute | Chronic | Fire |

Product Weight

11.91 lb/gal

Specific Gravity

1.43

FLASH POINT

95 °F PMCC

Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
p-Chlorobenzotrifluoride 98-56-6	N	N	N	N	7	8
1-Butanol 71-36-3	N	Y	Y	N	5	9
Methyl n-Amyl Ketone 110-43-0	N	N	N	N	18	31

Regulated Compounds

	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Copper (as Cu)	N	Y	Y	N	2	
Zinc (as Zn)	N	Y	Y	N	2	
Mercury (as Hg)	N	N	Y	N	0.00001	
Lead (as Pb)	N	N	Y	N	0.0001	
Chromium Compound	N	N	Y	Y	4	
Manganese Compound	N	N	Y	Y	9	
Copper Compound	N	N	Y	N	9	
Zinc Compound	N	N	Y	N	3	

Volatile Organic Compounds - U.S. EPA / Canada

	C71B6	
	LB/Gal	g/L
Coating Density	11.91	1427
	By wt	By vol
Total Volatiles	33.0%	53.2%
Federally exempt solvents		
Water	0.0%	0.0%
P-Chlorobenzotrifluoride	7.1%	7.5%
Organic Volatiles	25.9%	45.6%
Percent Non-Volatile	67.0%	46.8%
VOC Content	LB/Gal	g/L
Total	3.08	370
Less exempt solvents	3.34	400
Of solids	6.59	790
Of solids	0.38 lb/lb	0.38 kg/kg
	By wt	
By wt LVP-VOC	24.1%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **1.07**

Volatile Organic Compounds - California

	C71B6	
	LB/Gal	g/L
Coating Density	11.91	1427
	By wt	By vol
Total Volatiles	33.0%	53.2%
Exempt solvents		
Water	0.0%	0.0%
P-Chlorobenzotrifluoride	7.1%	7.5%
Organic Volatiles	25.9%	45.6%
Percent Non-Volatile	67.0%	46.8%
VOC Content	LB/Gal	g/L
Total	3.08	370
Less exempt solvents	3.34	400
Of solids	6.59	790
Of solids	0.38 lb/lb	0.38 kg/kg
	By wt	
By wt LVP-VOC	24.1%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.78**

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

	C71B6	
	LB/Gal	g/L
Coating Density	11.91	1427
	By wt	By vol
Total Volatiles	33.0%	53.2%
Exempt solvents		
Water	0.0%	0.0%
P-Chlorobenzotrifluoride	7.1%	7.5%
Organic Volatiles	25.9%	45.6%
Percent Non-Volatile	67.0%	46.8%
VOC Content	LB/Gal	g/L
Total	3.08	370
Less exempt solvents	3.34	400
Of solids	6.59	790
Of solids	0.38 lb/lb	0.38 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	C71B6	
	By wt	By vol
Total Volatiles	33.0%	53.1%
VOC Content	LB/Gal	g/L
Total	3.92	470

Volatile Organic Compounds - EU Directive 2010/75/EU

	C71B6	
	By wt	By vol
Total Volatiles	33.0%	53.1%
VOC Content	LB/Gal	g/L
Total	3.92	470

Volatile Organic Compounds - Mexico

	C71B6	
	LB/Gal	g/L
Coating Density	11.91	1427
	By wt	By vol
Total Volatiles	33.0%	53.2%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	33.0%	53.2%
Percent Non-Volatile	67.0%	46.8%
VOC Content	LB/Gal	g/L
Total	3.93	471
Less exempt solvents	3.93	471
Of solids	8.39	1005
Of solids	0.49 lb/lb	0.49 kg/kg

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

	C71B6	
	LB/Gal	kg/L
Volatile HAPS	0.00	0.000
Of solids	0.00	0.000
Of solids	0.00 lb/lb	0.00 kg/kg

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

7.40 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 and extractability 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.