

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation

Jun 9, 2023

03 00 [0896]

PRODUCT NUMBER

F92H804

PRODUCT NAME

MIL-170 Envirolastic 100% Solids Polyurea Hybrid Coating Part A Tan 686A 33446

MANUFACTURER'S NAME

THE SHERWIN-WILLIAMS COMPANY

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. Variations may occur on individual batches due to adjustments made during production.

Hazard Category (for SARA 311.312)

F92H804 = | Acute | Chronic |

Product Weight

8.96 lb/gal

Specific Gravity

1.08

FLASH POINT

> 200 °F PMCC

AS MIXED (as per product data sheet): CATALYZED 1part F92H00804 to 1 part B81V4300

AS MIXED

Product Weight

9.08 lb/gal

Specific Gravity

1.09

FLASH POINT

> 200 °F PMCC

Volatile Ingredients

Not Applicable

Volatile Ingredients AS MIXED

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
4-Methyl-1,3-dioxolan-2-one 108-32-7	N	N	N	N	5	5

Non-Volatile Ingredients AS MIXED

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
4, 4'-Diphenylmethane Diisocyanate 101-68-8	N	Y	Y	Y	12	12
Diphenylmethane Diisocyanate Polymer 9016-87-9	N	N	Y	N	24	23

Volatile Organic Compounds - U.S. EPA / Canada

	F92H804		AS MIXED CATALYZED 1part F92H00804 to 1 part B81V4300	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	8.96	1074	9.08	1088
	By wt	By vol	By wt	By vol
Total Volatiles	0.3%	0.4%	5.3%	5.3%
Federally exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
4-Methyl-1,3-dioxolan-2-one			5.1%	5.1%
Organic Volatiles	0.3%	0.4%	0.2%	0.2%
Percent Non-Volatile	99.7%	99.6%	94.7%	94.7%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	0.02	3	0.01	1
Less exempt solvents	0.02	3	0.01	1
Of solids	0.02	3	0.01	1
Of solids	0.00 lb/lb	0.00 kg/kg	0.00 lb/lb	0.00 kg/kg
	By wt		By wt	
By wt LVP-VOC	0.3%		0.2%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.00**

AS MIXED Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.01**

Volatile Organic Compounds - California

	F92H804		AS MIXED CATALYZED 1part F92H00804 to 1 part B81V4300	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	8.96	1074	9.08	1088
	By wt	By vol	By wt	By vol
Total Volatiles	0.3%	0.4%	5.3%	5.3%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	0.3%	0.4%	5.3%	5.3%
Percent Non-Volatile	99.7%	99.6%	94.7%	94.7%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	0.02	3	0.47	57
Less exempt solvents	0.02	3	0.47	57
Of solids	0.02	3	0.50	60
Of solids	0.00 lb/lb	0.00 kg/kg	0.05 lb/lb	0.05 kg/kg
	By wt		By wt	
By wt LVP-VOC	0.3%		0.2%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.00**

AS MIXED Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.01**

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

	F92H804		AS MIXED CATALYZED 1part F92H00804 to 1 part B81V4300	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	8.96	1074	9.08	1088
	By wt	By vol	By wt	By vol
Total Volatiles	0.3%	0.4%	5.3%	5.3%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
4-Methyl-1,3-dioxolan-2-one			5.1%	5.1%
Organic Volatiles	0.3%	0.4%	0.2%	0.2%
Percent Non-Volatile	99.7%	99.6%	94.7%	94.7%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	0.02	3	0.01	1
Less exempt solvents	0.02	3	0.01	1
Of solids	0.02	3	0.01	1
Of solids	0.00 lb/lb	0.00 kg/kg	0.00 lb/lb	0.00 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	F92H804		AS MIXED CATALYZED 1part F92H00804 to 1 part B81V4300	
	By wt	By vol	By wt	By vol
Total Volatiles	56.4%	60.9%	32.6%	35.2%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	5.05	605	2.95	354

Volatile Organic Compounds - EU Directive 2010/75/EU

	F92H804		AS MIXED CATALYZED 1part F92H00804 to 1 part B81V4300	
	By wt	By vol	By wt	By vol
Total Volatiles	0.3%	0.3%	0.2%	0.2%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	0.02	3	0.01	1

Volatile Organic Compounds - Mexico

	F92H804		AS MIXED CATALYZED 1part F92H00804 to 1 part B81V4300	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	8.96	1074	9.08	1088
	By wt	By vol	By wt	By vol
Total Volatiles	0.3%	0.4%	5.3%	5.3%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	0.3%	0.4%	5.3%	5.3%
Percent Non-Volatile	99.7%	99.6%	94.7%	94.7%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	0.02	3	0.47	57
Less exempt solvents	0.02	3	0.47	57
Of solids	0.02	3	0.50	60
Of solids	0.00 lb/lb	0.00 kg/kg	0.05 lb/lb	0.05 kg/kg

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

	F92H804		AS MIXED CATALYZED 1part F92H00804 to 1 part B81V4300	
	LB/Gal	kg/L	LB/Gal	kg/L
Volatile HAPS	0.00	0.000	0.00	0.000
Of solids	0.00	0.000	0.00	0.000
Of solids	0.00 lb/lb	0.00 kg/kg	0.00 lb/lb	0.00 kg/kg

Air Quality Data

Density of Organic Solvent Blend

7.95 lb/gal

Photochemically Reactive

No

Density of Organic Solvent Blend AS MIXED

9.01 lb/gal

Photochemically Reactive AS MIXED

No

Additional Regulatory Information

US EPA TSCA:

Not Applicable

Relevant identified uses of the substance or mixture and uses advised against:

Not Applicable

US EPA TSCA: AS MIXED

Not Applicable

Relevant identified uses of the substance or mixture and uses advised against: AS MIXED

Not Applicable

Waste Disposal

Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

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.