

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation

Dec 12, 2023

01IXF00 [1243]

PRODUCT NUMBER

F93H124

PRODUCT NAME

MIL-DTL-53039F T4 POLYMERIC MOISTURE CURE TOPCOAT 1K ALIPHATIC POLYURETHANE 1.0 VOC VO-HAPS FREE, TAN 686A 33446 Q2051

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

Hazard Category (for SARA 311.312)

F93H124 = | Acute | Chronic | Fire |

Product Weight

10.37 lb/gal

Specific Gravity

1.25

FLASH POINT

95 °F TCC

Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Light Aromatic Hydrocarbons 64742-95-6	N	N	N	N	2	3
Cumene 98-82-8	N	Y	Y	Y	0.1	< 1
p-Chlorobenzotrifluoride 98-56-6	N	N	N	N	38	35
n-Butyl Acetate 123-86-4	N	Y	N	N	1	2

Regulated Compounds

	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Chromium Compound	N	N	Y	Y	0.8	

Volatile Organic Compounds - U.S. EPA / Canada

	F93H124	
	LB/Gal	g/L
Coating Density	10.37	1242
	By wt	By vol
Total Volatiles	43.7%	43.5%
Federally exempt solvents		
Water	0.0%	0.0%
P-Chlorobenzotrifluoride	38.0%	35.3%
Organic Volatiles	5.7%	8.2%
Percent Non-Volatile	56.3%	56.5%
VOC Content	LB/Gal	g/L
Total	0.59	71
Less exempt solvents	0.91	110
Of solids	1.05	126
Of solids	0.10 lb/lb	0.10 kg/kg
	By wt	
By wt LVP-VOC	5.6%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.39**

Volatile Organic Compounds - California

	F93H124	
	LB/Gal	g/L
Coating Density	10.37	1242
	By wt	By vol
Total Volatiles	43.7%	43.5%
Exempt solvents		
Water	0.0%	0.0%
P-Chlorobenzotrifluoride	38.0%	35.3%
Organic Volatiles	5.7%	8.2%
Percent Non-Volatile	56.3%	56.5%
VOC Content	LB/Gal	g/L
Total	0.59	71
Less exempt solvents	0.91	110
Of solids	1.05	126
Of solids	0.10 lb/lb	0.10 kg/kg
	By wt	
By wt LVP-VOC	5.6%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.39**

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

	F93H124	
	LB/Gal	g/L
Coating Density	10.37	1242
	By wt	By vol
Total Volatiles	43.7%	43.5%
Exempt solvents		
Water	0.0%	0.0%
P-Chlorobenzotrifluoride	38.0%	35.3%
Organic Volatiles	5.7%	8.2%
Percent Non-Volatile	56.3%	56.5%
VOC Content	LB/Gal	g/L
Total	0.59	71
Less exempt solvents	0.91	110
Of solids	1.05	126
Of solids	0.10 lb/lb	0.10 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	F93H124	
	By wt	By vol
Total Volatiles	47.8%	48.0%
VOC Content	LB/Gal	g/L
Total	4.94	593

Volatile Organic Compounds - EU Directive 2010/75/EU

	F93H124	
	By wt	By vol
Total Volatiles	43.7%	43.5%
VOC Content	LB/Gal	g/L
Total	4.53	543

Volatile Organic Compounds - Mexico

	F93H124	
	LB/Gal	g/L
Coating Density	10.37	1242
	By wt	By vol
Total Volatiles	43.7%	43.5%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	43.7%	43.5%
Percent Non-Volatile	56.3%	56.5%
VOC Content	LB/Gal	g/L
Total	4.53	543
Less exempt solvents	4.53	543
Of solids	8.01	960
Of solids	0.77 lb/lb	0.77 kg/kg

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

	F93H124	
	LB/Gal	kg/L
Volatile HAPS	0.01	0.001
Of solids	0.02	0.002
Of solids	0.00 lb/lb	0.00 kg/kg

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

10.43 lb/gal

Photochemically Reactive

Yes

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.

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.