

# ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation

Dec 11, 2023

17 00 [3453]

## PRODUCT NUMBER

F93H0S124

## PRODUCT NAME

MIL-DTL-53039E Type IV Polymeric Moisture Cure Topcoat 1K Aliphatic Polyurethane 1.0 VOC Blister Resistant  
CARC Tan 686A 33446 Q2176

## 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)

F93H0S124 = | Acute | Chronic | Fire |

## Product Weight

10.36 lb/gal

## Specific Gravity

1.25

## FLASH POINT

107 °F PMCC

## 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

## Non-Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Isophorone Diisocyanate (max.) 4098-71-9	Y	N	Y	N	1	1

## 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**

	F93H0S124	
	LB/Gal	g/L
Coating Density	10.36	1241
	By wt	By vol
Total Volatiles	43.7%	43.4%
Federally exempt solvents		
Water	0.0%	0.0%
P-Chlorobenzotrifluoride	38.1%	35.3%
Organic Volatiles	5.6%	8.0%
Percent Non-Volatile	56.3%	56.6%
VOC Content	LB/Gal	g/L
Total	0.58	70
Less exempt solvents	0.90	108
Of solids	1.03	123
Of solids	0.10 lb/lb	0.10 kg/kg
	By wt	
By wt LVP-VOC	5.5%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.36**

**Volatile Organic Compounds - California**

	F93H0S124	
	LB/Gal	g/L
Coating Density	10.36	1241
	By wt	By vol
Total Volatiles	43.7%	43.4%
Exempt solvents		
Water	0.0%	0.0%
P-Chlorobenzotrifluoride	38.1%	35.3%
Organic Volatiles	5.6%	8.0%
Percent Non-Volatile	56.3%	56.6%
VOC Content	LB/Gal	g/L
Total	0.58	70
Less exempt solvents	0.90	108
Of solids	1.03	123
Of solids	0.10 lb/lb	0.10 kg/kg
	By wt	
By wt LVP-VOC	5.5%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.38**

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

	F93H0S124	
	LB/Gal	g/L
Coating Density	10.36	1241
	By wt	By vol
Total Volatiles	43.7%	43.4%
Exempt solvents		
Water	0.0%	0.0%
P-Chlorobenzotrifluoride	38.1%	35.3%
Organic Volatiles	5.6%	8.0%
Percent Non-Volatile	56.3%	56.6%
VOC Content	LB/Gal	g/L
Total	0.58	70
Less exempt solvents	0.90	108
Of solids	1.03	123
Of solids	0.10 lb/lb	0.10 kg/kg

**Volatile Organic Compounds - EU Directive 2004/42/EC**

	F93H0S124	
	By wt	By vol
Total Volatiles	47.7%	47.9%
VOC Content	LB/Gal	g/L
Total	4.94	592

**Volatile Organic Compounds - EU Directive 2010/75/EU**

	F93H0S124	
	By wt	By vol
Total Volatiles	43.7%	43.4%
VOC Content	LB/Gal	g/L
Total	4.52	542

**Volatile Organic Compounds - Mexico**

	F93H0S124	
	LB/Gal	g/L
Coating Density	10.36	1241
	By wt	By vol
Total Volatiles	43.7%	43.4%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	43.7%	43.4%
Percent Non-Volatile	56.3%	56.6%
VOC Content	LB/Gal	g/L
Total	4.52	542
Less exempt solvents	4.52	542
Of solids	7.99	957
Of solids	0.77 lb/lb	0.77 kg/kg

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

	F93H0S124	
	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**

10.44 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.