

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation
Oct 3, 2019

13 00 [3248]

PRODUCT NUMBER

F93H0S113

PRODUCT NAME

F93H0S113 MIL-DTL-53039C T2 MOISTURE CURE SILICA TOPCOAT 1K ALIPHATIC POLYURETHANE 1.5 VOC
HAPS FREE BLISTER RESISTANT TAN 686A 33446 Q1896

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)

F93H0S113 = | Acute | Chronic | Fire |

Product Weight

11.88 lb/gal

Specific Gravity

1.43

FLASH POINT

96 °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	34	36
Methyl Isoamyl Ketone 110-12-3	N	N	N	N	2	4
n-Butyl Acetate 123-86-4	N	Y	N	N	2	3
Isooctyl Acetate 108419-32-5	N	N	N	N	3	5

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	2	3

Regulated Compounds

	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Chromium (as Cr)	N	Y	Y	N	0.2	
Chromium Compound	N	N	Y	Y	0.5	

Volatile Organic Compounds - U.S. EPA / Canada

	F93H0S113	
	LB/Gal	g/L
Coating Density	11.88	1423
	By wt	By vol
Total Volatiles	41.5%	49.1%
Federally exempt solvents		
Water	0.0%	0.0%
P-Chlorobenzotrifluoride	33.5%	35.7%
Organic Volatiles	8.0%	13.4%
Percent Non-Volatile	58.5%	50.9%
VOC Content	LB/Gal	g/L
Total	0.95	114
Less exempt solvents	1.48	177
Of solids	1.87	224
Of solids	0.13 lb/lb	0.13 kg/kg
	By wt	
By wt LVP-VOC	8.0%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.19**

Volatile Organic Compounds - California

	F93H0S113	
	LB/Gal	g/L
Coating Density	11.88	1423
	By wt	By vol
Total Volatiles	41.5%	49.1%
Exempt solvents		
Water	0.0%	0.0%
P-Chlorobenzotrifluoride	33.5%	35.7%
Organic Volatiles	8.0%	13.4%
Percent Non-Volatile	58.5%	50.9%
VOC Content	LB/Gal	g/L
Total	0.95	114
Less exempt solvents	1.48	177
Of solids	1.87	224
Of solids	0.13 lb/lb	0.13 kg/kg
	By wt	
By wt LVP-VOC	8.0%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.21**

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

	F93H0S113	
	LB/Gal	g/L
Coating Density	11.88	1423
	By wt	By vol
Total Volatiles	41.5%	49.1%
Exempt solvents		
Water	0.0%	0.0%
P-Chlorobenzotrifluoride	33.5%	35.7%
Organic Volatiles	8.0%	13.4%
Percent Non-Volatile	58.5%	50.9%
VOC Content	LB/Gal	g/L
Total	0.95	114
Less exempt solvents	1.48	177
Of solids	1.87	224
Of solids	0.13 lb/lb	0.13 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	F93H0S113	
	By wt	By vol
Total Volatiles	41.6%	49.1%
VOC Content	LB/Gal	g/L
Total	4.93	591

Volatile Organic Compounds - EU Directive 2010/75/EU

	F93H0S113	
	By wt	By vol
Total Volatiles	41.5%	49.1%
VOC Content	LB/Gal	g/L
Total	4.93	591

Volatile Organic Compounds - Mexico

	F93H0S113	
	LB/Gal	g/L
Coating Density	11.88	1423
	By wt	By vol
Total Volatiles	41.5%	49.1%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	41.5%	49.1%
Percent Non-Volatile	58.5%	50.9%
VOC Content	LB/Gal	g/L
Total	4.93	591
Less exempt solvents	4.93	591
Of solids	9.70	1162
Of solids	0.71 lb/lb	0.71 kg/kg

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

	F93H0S113	
	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

10.05 lb/gal

Photochemically Reactive

No

Additional Regulatory Information

US EPA TSCA:

Not Applicable

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

Not Applicable

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.