

# ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation  
Oct 13, 2017

01 00 [1720]

**PRODUCT NUMBER**

F93H00112

**PRODUCT NAME**

F93H00112 MIL-DTL-53039C T1 MOISTURE CURE SILICA TOPCOAT 1K ALIPHATIC POLYURETHANE 3.5 VOC  
HAPS FREE TAN 686 33446 Q1790

**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.

**Product Weight**

10.21 lb/gal

**Specific Gravity**

1.23

**FLASH POINT**

96 °F TCC

**Hazard Category (for SARA 311.312)**

| Acute | Chronic | Fire |

**Volatile Ingredients**

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Lt. Aliphatic Hydrocarbon Solvent 64742-89-8	N	N	N	N	3	5
Methyl Isoamyl Ketone 110-12-3	N	N	N	N	27	42
n-Butyl Acetate 123-86-4	N	Y	N	N	2	3

**Regulated Compounds**

	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Chromium (as Cr)	N	Y	Y	Y	0.6	
Chromium Compound	N	N	Y	N	1	

**Volatile Organic Compounds - U.S. EPA**

A.	Coating Density	10.21 lb/gal	1222 g/l	
B.	Total Volatiles	33.5% by wt.	50.8% by vol.	
C.	Federally exempt solvents:			
	Water	0.0% by wt.	0.0% by vol.	
D.	Organic Volatiles	33.5% by wt.	50.8% by vol.	
E.	Percent Non-Volatile	66.5% by wt.	49.2% by vol.	
F.	VOC Content	3.42 lb/gal	409 g/l	total
		3.42 lb/gal	409 g/l	less exempt solvents
		6.94 lb/gal	832 g/l	of solids
		0.50 lb/lb	0.50 kg/kg	of solids
		33.5%		by wt LVP-VOC
	Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009)			
		0.80		

### Volatile Organic Compounds - California

A.	Coating Density	10.21 lb/gal	1222 g/l	
B.	Total Volatiles	33.5% by wt.	50.8% by vol.	
C.	Exempt solvents:			
	Water	0.0% by wt.	0.0% by vol.	
D.	Organic Volatiles	33.5% by wt.	50.8% by vol.	
E.	Percent Non-Volatile	66.5% by wt.	49.2% by vol.	
F.	VOC Content	3.42 lb/gal	409 g/l	total
		3.42 lb/gal	409 g/l	less exempt solvents
		6.94 lb/gal	832 g/l	of solids
		0.50 lb/lb	0.50 kg/kg	of solids
		33.5%		by wt LVP-VOC

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010)  
0.80

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

A.	Coating Density	10.21 lb/gal	1222 g/l	
B.	Total Volatiles	33.5% by wt.	50.8% by vol.	
C.	Exempt solvents:			
	Water	0.0% by wt.	0.0% by vol.	
D.	Organic Volatiles	33.5% by wt.	50.8% by vol.	
E.	Percent Non-Volatile	66.5% by wt.	49.2% by vol.	
F.	VOC Content	3.42 lb/gal	409 g/l	total
		3.42 lb/gal	409 g/l	less exempt solvents
		6.94 lb/gal	832 g/l	of solids
		0.50 lb/lb	0.50 kg/kg	of solids
		33.5%		by wt LVP-VOC

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

Total Volatiles	33.5% by wt.	50.8% by vol.
VOC Content	3.42 lb/gal	409 g/l

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

Volatile HAPS	0.00	lb/gal	0.000	kg/l
	0.00	lb/gal	0.000	kg/l of solids
	0.00	lb/lb	0.00	kg/kg of solids

### Air Quality Data

#### Density of Organic Solvent Blend

6.74 lb/gal

#### Photochemically Reactive

Yes

### 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.

