

# ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation  
Oct 13, 2017

01 00 [1720]

**PRODUCT NUMBER**

F93H00107

**PRODUCT NAME**

F93H00107 MIL-DTL-53039C T1 MOISTURE CURE SILICA TOPCOAT 1K ALIPHATIC POLYURETHANE 3.5 VOC  
HAPS FREE TAN 686 33446 Q1788

**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**

10.48 lb/gal

**Specific Gravity**

1.26

**FLASH POINT**

60 °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
Toluene 108-88-3	N	Y	Y	Y	3	5
Ethylbenzene 100-41-4	N	Y	Y	Y	0.5	< 1
Xylene 1330-20-7	N	Y	Y	Y	3	4
Heavy Aromatic Naphtha 64742-94-5	N	N	N	N	3	5
Naphthalene 91-20-3	N	Y	Y	Y	0.4	< 1
Methyl Isobutyl Ketone 108-10-1	N	Y	Y	Y	12	18
n-Butyl Acetate 123-86-4	N	Y	N	N	3	5
Isooctyl Acetate 108419-32-5	N	N	N	N	5	8

**Regulated Compounds**

	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Chromium (as Cr)	N	Y	Y	Y	0.4	
Cobalt	N	N	Y	N	0.1	
Chromium Compound	N	N	Y	N	0.7	
Cobalt Compound	N	N	Y	N	0.7	

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

<b>A.</b>	<b>Coating Density</b>	10.48 lb/gal	1255 g/l	
<b>B.</b>	<b>Total Volatiles</b>	32.2% by wt.	47.9% by vol.	
<b>C.</b>	<b>Federally exempt solvents:</b>			
	<b>Water</b>	0.0% by wt.	0.0% by vol.	
<b>D.</b>	<b>Organic Volatiles</b>	32.2% by wt.	47.9% by vol.	
<b>E.</b>	<b>Percent Non-Volatile</b>	67.8% by wt.	52.1% by vol.	
<b>F.</b>	<b>VOC Content</b>	3.37 lb/gal	403 g/l	total
		3.37 lb/gal	403 g/l	less exempt solvents
		6.47 lb/gal	775 g/l	of solids
		0.47 lb/lb	0.47 kg/kg	of solids
		32.2%		by wt LVP-VOC
	<b>Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009)</b>			
		1.13		

**Volatile Organic Compounds - California**

<b>A.</b>	<b>Coating Density</b>	10.48 lb/gal	1255 g/l	
<b>B.</b>	<b>Total Volatiles</b>	32.2% by wt.	47.9% by vol.	
<b>C.</b>	<b>Exempt solvents:</b>			
	<b>Water</b>	0.0% by wt.	0.0% by vol.	
<b>D.</b>	<b>Organic Volatiles</b>	32.2% by wt.	47.9% by vol.	
<b>E.</b>	<b>Percent Non-Volatile</b>	67.8% by wt.	52.1% by vol.	
<b>F.</b>	<b>VOC Content</b>	3.37 lb/gal	403 g/l	total
		3.37 lb/gal	403 g/l	less exempt solvents
		6.47 lb/gal	775 g/l	of solids
		0.47 lb/lb	0.47 kg/kg	of solids
		32.2%		by wt LVP-VOC

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010)  
1.13

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

<b>A.</b>	<b>Coating Density</b>	10.48 lb/gal	1255 g/l	
<b>B.</b>	<b>Total Volatiles</b>	32.2% by wt.	47.9% by vol.	
<b>C.</b>	<b>Exempt solvents:</b>			
	<b>Water</b>	0.0% by wt.	0.0% by vol.	
<b>D.</b>	<b>Organic Volatiles</b>	32.2% by wt.	47.9% by vol.	
<b>E.</b>	<b>Percent Non-Volatile</b>	67.8% by wt.	52.1% by vol.	
<b>F.</b>	<b>VOC Content</b>	3.37 lb/gal	403 g/l	total
		3.37 lb/gal	403 g/l	less exempt solvents
		6.47 lb/gal	775 g/l	of solids
		0.47 lb/lb	0.47 kg/kg	of solids
		32.2%		by wt LVP-VOC

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

<b>Total Volatiles</b>	32.2% by wt.	47.9% by vol.
<b>VOC Content</b>	3.37 lb/gal	403 g/l

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

<b>Volatile HAPS</b>	1.93 lb/gal	0.232 kg/l
	3.72 lb/gal	0.446 kg/l of solids
	0.27 lb/lb	0.27 kg/kg of solids

**Air Quality Data**

**Density of Organic Solvent Blend**

7.03 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.

