

# ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation  
Oct 13, 2017

01 00 [1720]

## PRODUCT NUMBER

F93B00109

## PRODUCT NAME

F93B00109 MIL-DTL-53039C T1 MOISTURE CURE SILICA TOPCOAT 1K ALIPHATIC POLYURETHANE 3.5 VOC  
HAPS FREE BLACK 37303 Q1981

## 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

10.13 lb/gal

### Specific Gravity

1.22

### 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
Methyl Isoamyl Ketone 110-12-3	N	N	N	N	22	33
n-Butyl Acetate 123-86-4	N	Y	N	N	2	2
Isooctyl Acetate 108419-32-5	N	N	N	N	6	9

## Volatile Organic Compounds - U.S. EPA

A.	Coating Density	10.13 lb/gal	1214 g/l	
B.	Total Volatiles	31.2% by wt.	45.8% by vol.	
C.	Federally exempt solvents:			
	Water	0.0% by wt.	0.0% by vol.	
D.	Organic Volatiles	31.2% by wt.	45.8% by vol.	
E.	Percent Non-Volatile	68.8% by wt.	54.2% by vol.	
F.	VOC Content	3.16 lb/gal	378 g/l	total
		3.16 lb/gal	378 g/l	less exempt solvents
		5.83 lb/gal	699 g/l	of solids
		0.45 lb/lb	0.45 kg/kg	of solids
		31.2%		by wt LVP-VOC
Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009)				
0.70				

## Volatile Organic Compounds - California

A.	Coating Density	10.13 lb/gal	1214 g/l	
B.	Total Volatiles	31.2% by wt.	45.8% by vol.	
C.	Exempt solvents:			
	Water	0.0% by wt.	0.0% by vol.	
D.	Organic Volatiles	31.2% by wt.	45.8% by vol.	
E.	Percent Non-Volatile	68.8% by wt.	54.2% by vol.	
F.	VOC Content	3.16 lb/gal	378 g/l	total
		3.16 lb/gal	378 g/l	less exempt solvents
		5.83 lb/gal	699 g/l	of solids
		0.45 lb/lb	0.45 kg/kg	of solids
		31.2%		by wt LVP-VOC
Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010)				
0.70				

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

A.	Coating Density	10.13 lb/gal	1214 g/l	
B.	Total Volatiles	31.2% by wt.	45.8% by vol.	
C.	Exempt solvents:			
	Water	0.0% by wt.	0.0% by vol.	
D.	Organic Volatiles	31.2% by wt.	45.8% by vol.	
E.	Percent Non-Volatile	68.8% by wt.	54.2% by vol.	
F.	VOC Content	3.16 lb/gal	378 g/l	total
		3.16 lb/gal	378 g/l	less exempt solvents
		5.83 lb/gal	699 g/l	of solids
		0.45 lb/lb	0.45 kg/kg	of solids
		31.2%		by wt LVP-VOC

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

Total Volatiles	31.2% by wt.	45.8% by vol.
VOC Content	3.16 lb/gal	378 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**

6.90 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 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.