

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation
Oct 13, 2017

01 00 [0984]

PRODUCT NUMBER

F93G0S105

PRODUCT NAME

F93G0S105 MIL-DTL-53039C T1 MOISTURE CURE SILICA TOPCOAT 1K ALIPHATIC POLYURETHANE 3.5 VOC
HAPS FREE GREEN 383 34094 Q1820

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

10.73 lb/gal

Specific Gravity

1.29

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 |
|---|--------------|--------|-------------|----------|-------------|-------------|
| Light Aromatic Hydrocarbons 64742-95-6 | N | N | N | N | 3 | 5 |
| 1,3,5-Trimethylbenzene 108-67-8 | N | N | N | N | 1 | 2 |
| 1,2,4-Trimethylbenzene 95-63-6 | N | N | Y | N | 5 | 7 |
| Methyl Isoamyl Ketone 110-12-3 | N | N | N | N | 18 | 29 |
| 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 | 8 | |
| Cobalt | N | N | Y | N | 1 | |
| Zinc (as Zn) | N | Y | Y | N | 1 | |
| Chromium Compound | N | N | Y | N | 13 | |
| Cobalt Compound | N | N | Y | N | 7 | |
| Zinc Compound | N | N | Y | N | 7 | |

Volatile Organic Compounds - U.S. EPA

| | | | |
|--------------------------------------|--------------|---------------|----------------------|
| A. Coating Density | 10.73 lb/gal | 1285 g/l | |
| B. Total Volatiles | 31.2% by wt. | 48.2% by vol. | |
| C. Federally exempt solvents: | | | |
| Water | 0.0% by wt. | 0.0% by vol. | |
| D. Organic Volatiles | 31.2% by wt. | 48.2% by vol. | |
| E. Percent Non-Volatile | 68.8% by wt. | 51.8% by vol. | |
| F. VOC Content | 3.35 lb/gal | 401 g/l | total |
| | 3.35 lb/gal | 401 g/l | less exempt solvents |
| | 6.47 lb/gal | 775 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)

1.35

Volatile Organic Compounds - California

| | | | | |
|-----------|-----------------------------|--------------|---------------|----------------------|
| A. | Coating Density | 10.73 lb/gal | 1285 g/l | |
| B. | Total Volatiles | 31.2% by wt. | 48.2% by vol. | |
| C. | Exempt solvents: | | | |
| | Water | 0.0% by wt. | 0.0% by vol. | |
| D. | Organic Volatiles | 31.2% by wt. | 48.2% by vol. | |
| E. | Percent Non-Volatile | 68.8% by wt. | 51.8% by vol. | |
| F. | VOC Content | 3.35 lb/gal | 401 g/l | total |
| | | 3.35 lb/gal | 401 g/l | less exempt solvents |
| | | 6.47 lb/gal | 775 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)
1.35

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

| | | | | |
|-----------|-----------------------------|--------------|---------------|----------------------|
| A. | Coating Density | 10.73 lb/gal | 1285 g/l | |
| B. | Total Volatiles | 31.2% by wt. | 48.2% by vol. | |
| C. | Exempt solvents: | | | |
| | Water | 0.0% by wt. | 0.0% by vol. | |
| D. | Organic Volatiles | 31.2% by wt. | 48.2% by vol. | |
| E. | Percent Non-Volatile | 68.8% by wt. | 51.8% by vol. | |
| F. | VOC Content | 3.35 lb/gal | 401 g/l | total |
| | | 3.35 lb/gal | 401 g/l | less exempt solvents |
| | | 6.47 lb/gal | 775 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. | 48.2% by vol. |
| VOC Content | 3.35 lb/gal | 401 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

6.95 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.

