ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation
Jun 18, 2022

03 00 [1491]

PRODUCT NUMBER

H56R15

PRODUCT NAME

VITRASIL® Silicone Polyester Enamel, Iron Red Base

MANUFACTURER'S NAME

THE SHERWIN-WILLIAMS COMPANY
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)

H56R15 = | Acute | Chronic | Fire |

Product Weight	Specific Gravity	FLASH POINT
9.63 lb/gal	1.16	38 °F PMCC

Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Ethylbenzene **100-41-4**	N	Y	Y	Y	0.2	< 1
Light Aromatic Hydrocarbons **64742-95-6**	N	N	N	N	4	5
Cumene **98-82-8**	N	Y	Y	Y	0.2	< 1
Trimethylbenzene **25551-13-7**	N	N	N	N	2	2
Heavy Aromatic Naphtha **64742-94-5**	N	N	N	N	6	7
p-Chlorobenzotrifluoride **98-56-6**	N	N	N	N	3	3
1-Butanol **71-36-3**	N	Y	Y	N	1	2
2-Butoxyethanol **111-76-2**	N	N	Y - Glycol Ethers (SARA)	N	1	2
Acetone **67-64-1**	N	Y	N	N	13	19
1-Methoxy-2-Propanol Acetate **108-65-6**	N	N	N	N	7	8

Regulated Compounds

	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Glycol Ethers (SARA)	N	N	Y	N	1	

Volatile Organic Compounds - U.S. EPA / Canada

	H56R15	
	LB/Gal	g/L
Coating Density	9.63	1154
	By wt	By vol
Total Volatiles	40.1%	51.7%
Federally exempt solvents		
Water	0.0%	0.0%
Acetone	12.8%	18.8%
P-Chlorobenzotrifluoride	3.2%	2.8%
Organic Volatiles	24.0%	30.2%
Percent Non-Volatile	59.9%	48.3%
VOC Content	LB/Gal	g/L
Total	2.31	277
Less exempt solvents	2.94	353
Of solids	4.78	573
Of solids	0.40 lb/lb	0.40 kg/kg
	By wt	
By wt LVP-VOC	18.4%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **2.12**

Volatile Organic Compounds - California

	H56R15	
	LB/Gal	g/L
Coating Density	9.63	1154
	By wt	By vol
Total Volatiles	40.1%	51.7%
Exempt solvents		
Water	0.0%	0.0%
Acetone	12.8%	18.8%
P-Chlorobenzotrifluoride	3.2%	2.8%
Organic Volatiles	24.0%	30.2%
Percent Non-Volatile	59.9%	48.3%
VOC Content	LB/Gal	g/L
Total	2.31	277
Less exempt solvents	2.94	353
Of solids	4.78	573
Of solids	0.40 lb/lb	0.40 kg/kg
	By wt	
By wt LVP-VOC	18.4%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **1.53**

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

	H56R15	
	LB/Gal	g/L
Coating Density	9.63	1154
	By wt	By vol
Total Volatiles	40.1%	51.7%
Exempt solvents		
Water	0.0%	0.0%
Acetone	12.8%	18.8%
P-Chlorobenzotrifluoride	3.2%	2.8%
Organic Volatiles	24.0%	30.2%
Percent Non-Volatile	59.9%	48.3%
VOC Content	LB/Gal	g/L
Total	2.31	277
Less exempt solvents	2.94	353
Of solids	4.78	573
Of solids	0.40 lb/lb	0.40 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	H56R15	
	By wt	By vol
Total Volatiles	40.2%	51.8%
VOC Content	LB/Gal	g/L
Total	3.86	463

Volatile Organic Compounds - EU Directive 2010/75/EU

	H56R15	
	By wt	By vol
Total Volatiles	34.5%	45.2%
VOC Content	LB/Gal	g/L
Total	3.32	398

Volatile Organic Compounds - Mexico

	H56R15	
	LB/Gal	g/L
Coating Density	9.63	1154
	By wt	By vol
Total Volatiles	40.1%	51.7%
Exempt solvents		
Water	0.0%	0.0%
Acetone	12.8%	18.8%
Organic Volatiles	27.2%	32.9%
Percent Non-Volatile	59.9%	48.3%
VOC Content	LB/Gal	g/L
Total	2.62	314
Less exempt solvents	3.22	386
Of solids	5.43	650
Of solids	0.45 lb/lb	0.45 kg/kg

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

	H56R15	
	LB/Gal	kg/L
Volatile HAPS	0.04	0.005
Of solids	0.09	0.010
Of solids	0.00 lb/lb	0.00 kg/kg

Air Quality Data

Density of Organic Solvent Blend

7.46 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.