ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation
May 20, 2024

12 00 [0554]

PRODUCT NUMBER

44-500

PRODUCT NAME

UNIFLEX® SILICONE22™ Low-Solids Rubberized Silicone Roof Coating, White

MANUFACTURER'S NAME

KST COATINGS
A Business Unit of 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 and rely on information provided to us by our raw material suppliers. Our suppliers often provide an estimated value or range less than a certain upper limit. We calculate MAXIMUM THEORETICAL VALUES using defined values, if provided, or the upper limit reported by our supplier. Additionally, the suppliers' information may include amounts present in the product as unintentional byproducts or impurities. Variations may occur in individual batches due to adjustments made during production.

Hazard Category (for SARA 311.312)

44-500 = | Acute | Chronic | Fire |

Product Weight	Specific Gravity	FLASH POINT
10.27 lb/gal	1.24	142 °F PMCC

Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Mineral Spirits 140-Flash 64742-88-7	N	N	N	N	20	31

Regulated Compounds

	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Lead (as Pb)	N	N	Y	N	0.00004	

Volatile Organic Compounds - U.S. EPA / Canada

	44-500	
	LB/Gal	g/L
Coating Density	10.27	1231
	By wt	By vol
Total Volatiles	19.9%	31.4%
Federally exempt solvents		
Water	0.0%	0.0%
Octamethylcyclotetrasiloxane	0.1%	0.2%
Organic Volatiles	19.7%	31.2%
Percent Non-Volatile	80.1%	68.6%
VOC Content	LB/Gal	g/L
Total	2.02	242
Less exempt solvents	2.03	243
Of solids	2.95	354
Of solids	0.24 lb/lb	0.24 kg/kg
	By wt	
By wt LVP-VOC	19.7%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.13**

Volatile Organic Compounds - California

	44-500	
	LB/Gal	g/L
Coating Density	10.27	1231
	By wt	By vol
Total Volatiles	19.9%	31.4%
Exempt solvents		
Water	0.0%	0.0%
Octamethylcyclotetrasiloxane	0.1%	0.2%
Organic Volatiles	19.7%	31.2%
Percent Non-Volatile	80.1%	68.6%
VOC Content	LB/Gal	g/L
Total	2.02	242
Less exempt solvents	2.03	243
Of solids	2.95	354
Of solids	0.24 lb/lb	0.24 kg/kg
	By wt	
By wt LVP-VOC	19.7%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.13**

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

	44-500	
	LB/Gal	g/L
Coating Density	10.27	1231
	By wt	By vol
Total Volatiles	19.9%	31.4%
Exempt solvents		
Water	0.0%	0.0%
Octamethylcyclotetrasiloxane	0.1%	0.2%
Organic Volatiles	19.7%	31.2%
Percent Non-Volatile	80.1%	68.6%
VOC Content	LB/Gal	g/L
Total	2.02	242
Less exempt solvents	2.03	243
Of solids	2.95	354
Of solids	0.24 lb/lb	0.24 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	44-500	
	By wt	By vol
Total Volatiles	25.6%	38.6%
VOC Content	LB/Gal	g/L
Total	2.63	315

Volatile Organic Compounds - EU Directive 2010/75/EU

	44-500	
	By wt	By vol
Total Volatiles	19.9%	31.4%
VOC Content	LB/Gal	g/L
Total	2.04	245

Volatile Organic Compounds - Mexico

	44-500	
	LB/Gal	g/L
Coating Density	10.27	1231
	By wt	By vol
Total Volatiles	19.9%	31.4%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	19.9%	31.4%
Percent Non-Volatile	80.1%	68.6%
VOC Content	LB/Gal	g/L
Total	2.04	245
Less exempt solvents	2.04	245
Of solids	2.98	358
Of solids	0.24 lb/lb	0.24 kg/kg

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

	44-500	
	LB/Gal	kg/L
Volatile HAPS	0.00	0.000
Of solids	0.00	0.000
Of solids	0.00 lb/lb	0.00 kg/kg

Air Quality Data

Density of Organic Solvent Blend

6.52 lb/gal

Photochemically Reactive

No

Waste Disposal

Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

The addition of any material to this product can change the composition, hazards and risks of the product and 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.