

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation

Oct 31, 2023

22 00 [2523]

PRODUCT NUMBER

V84F96

PRODUCT NAME

SHER-WOOD® KEMVAR® LF Water White Conversion Varnish, Bright Rubbed Effect

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)

V84F96 = | Acute | Chronic | Fire |

Product Weight

7.97 lb/gal

Specific Gravity

0.96

FLASH POINT

4 °F PMCC

AS MIXED (as per product data sheet): KemVar LF Water White Conversion Varnish Bright Rubbed Effect

AS MIXED

Product Weight

7.87 lb/gal

Specific Gravity

0.95

FLASH POINT

36 °F TCC

Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Ethanol 64-17-5	N	N	N	N	9	11
2-Propanol 67-63-0	N	N	N	N	3	3
2-Methyl-1-propanol 78-83-1	N	Y	N	N	11	13
Acetone 67-64-1	N	Y	N	N	5	6
n-Butyl Acetate 123-86-4	N	Y	N	N	24	26
1-Methoxy-2-Propanol Acetate 108-65-6	N	N	N	N	11	11

Volatile Ingredients AS MIXED

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Ethanol 64-17-5	N	N	N	N	9	11
2-Propanol 67-63-0	N	N	N	N	2	2
2-Methyl-1-propanol 78-83-1	N	Y	N	N	9	10
Acetone 67-64-1	N	Y	N	N	4	5
n-Butyl Acetate 123-86-4	N	Y	N	N	35	37
1-Methoxy-2-Propanol Acetate 108-65-6	N	N	N	N	9	9

Volatile Organic Compounds - U.S. EPA / Canada

	V84F96		AS MIXED	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	7.97	955	7.87	943
	By wt	By vol	By wt	By vol
Total Volatiles	63.2%	70.8%	68.9%	75.8%
Federally exempt solvents				
Water	0.0%	0.0%	0.1%	0.1%
Acetone	4.9%	5.9%	4.0%	4.8%
Organic Volatiles	58.3%	64.9%	64.7%	70.9%
Percent Non-Volatile	36.8%	29.2%	31.1%	24.2%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	4.64	556	5.09	610
Less exempt solvents	4.93	591	5.35	641
Of solids	15.93	1909	21.03	2521
Of solids	1.58 lb/lb	1.58 kg/kg	2.07 lb/lb	2.07 kg/kg
	By wt		By wt	
By wt LVP-VOC	58.1%		64.6%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.87**

AS MIXED Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.87**

Volatile Organic Compounds - California

	V84F96		AS MIXED	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	7.97	955	7.87	943
	By wt	By vol	By wt	By vol
Total Volatiles	63.2%	70.8%	68.9%	75.8%
Exempt solvents				
Water	0.0%	0.0%	0.1%	0.1%
Acetone	4.9%	5.9%	4.0%	4.8%
Organic Volatiles	58.3%	64.9%	64.7%	70.9%
Percent Non-Volatile	36.8%	29.2%	31.1%	24.2%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
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Less exempt solvents	4.93	591	5.35	641
Of solids	15.93	1909	21.03	2521
Of solids	1.58 lb/lb	1.58 kg/kg	2.07 lb/lb	2.07 kg/kg
	By wt		By wt	
By wt LVP-VOC	58.1%		64.6%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.86**

AS MIXED Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.85**

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

	V84F96		AS MIXED	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	7.97	955	7.87	943
	By wt	By vol	By wt	By vol
Total Volatiles	63.2%	70.8%	68.9%	75.8%
Exempt solvents				
Water	0.0%	0.0%	0.1%	0.1%
Acetone	4.9%	5.9%	4.0%	4.8%
Organic Volatiles	58.3%	64.9%	64.7%	70.9%
Percent Non-Volatile	36.8%	29.2%	31.1%	24.2%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	4.64	556	5.09	610
Less exempt solvents	4.93	591	5.35	641
Of solids	15.93	1909	21.03	2521
Of solids	1.58 lb/lb	1.58 kg/kg	2.07 lb/lb	2.07 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	V84F96		AS MIXED	
	By wt	By vol	By wt	By vol
Total Volatiles	63.2%	70.8%	68.9%	75.8%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	5.03	603	5.40	648

Volatile Organic Compounds - EU Directive 2010/75/EU

	V84F96		AS MIXED	
	By wt	By vol	By wt	By vol
Total Volatiles	63.2%	70.8%	68.9%	75.8%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	5.03	603	5.40	648

Volatile Organic Compounds - Mexico

	V84F96		AS MIXED	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	7.97	955	7.87	943
	By wt	By vol	By wt	By vol
Total Volatiles	63.2%	70.8%	68.9%	75.8%
Exempt solvents				
Water	0.0%	0.0%	0.1%	0.1%
Acetone	4.9%	5.9%	4.0%	4.8%
Organic Volatiles	58.3%	64.9%	64.7%	70.9%
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VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	4.64	556	5.09	610
Less exempt solvents	4.93	591	5.35	641
Of solids	15.93	1909	21.03	2521
Of solids	1.58 lb/lb	1.58 kg/kg	2.07 lb/lb	2.07 kg/kg

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

	V84F96		AS MIXED	
	LB/Gal	kg/L	LB/Gal	kg/L
Volatile HAPS	0.00	0.000	0.00	0.000
Of solids	0.00	0.000	0.00	0.000
Of solids	0.00 lb/lb	0.00 kg/kg	0.00 lb/lb	0.00 kg/kg

Air Quality Data

Density of Organic Solvent Blend

7.11 lb/gal

Photochemically Reactive

No

Density of Organic Solvent Blend AS MIXED

7.15 lb/gal

Photochemically Reactive AS MIXED

No

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.

