

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation
Jan 20, 2024

06 00 [0453]

PRODUCT NUMBER

E90R351

PRODUCT NAME

MIL-DTL-11414F Fast Dry Alkyd Primer Red Q2195

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.

Hazard Category (for SARA 311.312)

E90R351 = | Acute | Chronic | Fire |

Product Weight

12.22 lb/gal

Specific Gravity

1.47

FLASH POINT

102 °F PMCC

AS MIXED (as per product data sheet): E90R00351 - reduced 10 pct with MAK

AS MIXED

Product Weight

11.73 lb/gal

Specific Gravity

1.41

FLASH POINT

59 °F TCC

Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Methyl n-Propyl Ketone 107-87-9	N	N	N	N	8	15
Methyl n-Amyl Ketone 110-43-0	N	N	N	N	16	29

Regulated Compounds

	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Zinc (as Zn)	N	Y	Y	N	3	
Zinc Compound	N	N	Y	N	5	

Volatile Ingredients AS MIXED

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Methyl n-Propyl Ketone 107-87-9	N	N	N	N	8	14
Methyl n-Amyl Ketone 110-43-0	N	N	N	N	20	35

Regulated Compounds AS MIXED

	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Zinc (as Zn)	N	Y	Y	N	2	
Zinc Compound	N	N	Y	N	5	

Volatile Organic Compounds - U.S. EPA / Canada

	E90R351		AS MIXED E90R00351 - reduced 10 pct with MAK	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	12.22	1464	11.73	1405
	By wt	By vol	By wt	By vol
Total Volatiles	24.9%	45.1%	28.9%	50.1%
Federally exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	24.9%	45.1%	28.9%	50.1%
Percent Non-Volatile	75.1%	54.9%	71.1%	49.9%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	3.04	365	3.38	405
Less exempt solvents	3.04	365	3.38	405
Of solids	5.55	665	6.78	812
Of solids	0.33 lb/lb	0.33 kg/kg	0.40 lb/lb	0.40 kg/kg
	By wt		By wt	
By wt LVP-VOC	24.9%		28.9%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.72**

AS MIXED Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.83**

Volatile Organic Compounds - California

	E90R351		AS MIXED E90R00351 - reduced 10 pct with MAK	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	12.22	1464	11.73	1405
	By wt	By vol	By wt	By vol
Total Volatiles	24.9%	45.1%	28.9%	50.1%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	24.9%	45.1%	28.9%	50.1%
Percent Non-Volatile	75.1%	54.9%	71.1%	49.9%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	3.04	365	3.38	405
Less exempt solvents	3.04	365	3.38	405
Of solids	5.55	665	6.78	812
Of solids	0.33 lb/lb	0.33 kg/kg	0.40 lb/lb	0.40 kg/kg
	By wt		By wt	
By wt LVP-VOC	24.9%		28.9%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.63**

AS MIXED Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.72**

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

	E90R351		AS MIXED E90R00351 - reduced 10 pct with MAK	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	12.22	1464	11.73	1405
	By wt	By vol	By wt	By vol
Total Volatiles	24.9%	45.1%	28.9%	50.1%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	24.9%	45.1%	28.9%	50.1%
Percent Non-Volatile	75.1%	54.9%	71.1%	49.9%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	3.04	365	3.38	405
Less exempt solvents	3.04	365	3.38	405
Of solids	5.55	665	6.78	812
Of solids	0.33 lb/lb	0.33 kg/kg	0.40 lb/lb	0.40 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	E90R351		AS MIXED E90R00351 - reduced 10 pct with MAK	
	By wt	By vol	By wt	By vol
Total Volatiles	25.0%	45.1%	28.9%	50.1%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	3.05	366	3.39	406

Volatile Organic Compounds - EU Directive 2010/75/EU

	E90R351		AS MIXED E90R00351 - reduced 10 pct with MAK	
	By wt	By vol	By wt	By vol
Total Volatiles	24.9%	45.1%	28.9%	50.1%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	3.04	365	3.38	405

Volatile Organic Compounds - Mexico

	E90R351		AS MIXED E90R00351 - reduced 10 pct with MAK	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	12.22	1464	11.73	1405
	By wt	By vol	By wt	By vol
Total Volatiles	24.9%	45.1%	28.9%	50.1%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	24.9%	45.1%	28.9%	50.1%
Percent Non-Volatile	75.1%	54.9%	71.1%	49.9%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	3.04	365	3.38	405
Less exempt solvents	3.04	365	3.38	405
Of solids	5.55	665	6.78	812
Of solids	0.33 lb/lb	0.33 kg/kg	0.40 lb/lb	0.40 kg/kg

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

	E90R351		AS MIXED E90R00351 - reduced 10 pct with MAK	
	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

6.76 lb/gal

Photochemically Reactive

No

Density of Organic Solvent Blend AS MIXED

6.76 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.