

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation
May 17, 2020

24 00 [2809]

PRODUCT NUMBER

B66T354

PRODUCT NAME

SHER-CRYL™ HPA High Performance Acrylic Semi-Gloss Coating, Clear Tint 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)

B66T354 = | Acute | Chronic |

Product Weight

9.38 lb/gal

Specific Gravity

1.13

FLASH POINT

N.A.

AS MIXED (as per product data sheet): Sher-Cryl HPA B66T00354 reduced 12.5pct with R8K10

AS MIXED

Product Weight

9.25 lb/gal

Specific Gravity

1.11

FLASH POINT

N.A.

Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
2-(2-Methoxyethoxy)-ethanol 111-77-3	N	N	Y - Glycol Ethers (SARA)	Y - Glycol Ethers (HAPS)	1	2
Propylene Glycol 57-55-6	N	N	N	N	2	2
Trimethylpentanediol Isobutyrate 25265-77-4	N	N	N	N	5	6
Water 7732-18-5	N	N	N	N	44	50

Regulated Compounds

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

Volatile Ingredients AS MIXED

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
2-(2-Methoxyethoxy)-ethanol 111-77-3	N	N	Y - Glycol Ethers (SARA)	Y - Glycol Ethers (HAPS)	1	1
2-(2-Butoxyethoxy)-ethanol 112-34-5	N	N	Y - Glycol Ethers (SARA)	Y - Glycol Ethers (HAPS)	2	3
Propylene Glycol 57-55-6	N	N	N	N	1	2
Trimethylpentanediol Isobutyrate 25265-77-4	N	N	N	N	4	5
Water 7732-18-5	N	N	N	N	47	53

Regulated Compounds AS MIXED

	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Glycol Ethers (SARA)	N	N	Y	N	4	
Glycol Ethers (HAPS)	N	N	N	Y	4	

Volatile Organic Compounds - U.S. EPA / Canada

	B66T354		AS MIXED	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	9.38	1123	9.25	1108
	By wt	By vol	By wt	By vol
Total Volatiles	52.8%	60.4%	57.4%	64.8%
Federally exempt solvents				
Water	43.7%	49.7%	46.9%	52.5%
Non-Organic Volatiles				
Ammonium Hydroxide	0.2%	0.2%	0.2%	0.2%
Organic Volatiles	8.8%	10.4%	10.4%	12.1%
Percent Non-Volatile	47.2%	39.6%	42.6%	35.2%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	0.82	99	0.95	114
Less exempt solvents	1.65	197	2.01	241
Of solids	2.09	251	2.71	325
Of solids	0.18 lb/lb	0.18 kg/kg	0.24 lb/lb	0.24 kg/kg
	By wt		By wt	
By wt LVP-VOC	2.0%		1.8%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.19**

AS MIXED Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.24**

Volatile Organic Compounds - California

	B66T354		AS MIXED Sher-Cryl HPA B66T00354 reduced 12.5pct with R8K10	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	9.38	1123	9.25	1108
	By wt	By vol	By wt	By vol
Total Volatiles	52.8%	60.4%	57.4%	64.8%
Exempt solvents				
Water	43.7%	49.7%	46.9%	52.5%
Non-Organic Volatiles				
Ammonium Hydroxide	0.2%	0.2%	0.2%	0.2%
Organic Volatiles	8.8%	10.4%	10.4%	12.1%
Percent Non-Volatile	47.2%	39.6%	42.6%	35.2%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	0.82	99	0.95	114
Less exempt solvents	1.65	197	2.01	241
Of solids	2.09	251	2.71	325
Of solids	0.18 lb/lb	0.18 kg/kg	0.24 lb/lb	0.24 kg/kg
	By wt		By wt	
By wt LVP-VOC	2.0%		1.8%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.15**

AS MIXED Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.19**

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

	B66T354		AS MIXED Sher-Cryl HPA B66T00354 reduced 12.5pct with R8K10	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	9.38	1123	9.25	1108
	By wt	By vol	By wt	By vol
Total Volatiles	52.8%	60.4%	57.4%	64.8%
Exempt solvents				
Water	43.7%	49.7%	46.9%	52.5%
Non-Organic Volatiles				
Ammonium Hydroxide	0.2%	0.2%	0.2%	0.2%
Organic Volatiles	8.8%	10.4%	10.4%	12.1%
Percent Non-Volatile	47.2%	39.6%	42.6%	35.2%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	0.82	99	0.95	114
Less exempt solvents	1.65	197	2.01	241
Of solids	2.09	251	2.71	325
Of solids	0.18 lb/lb	0.18 kg/kg	0.24 lb/lb	0.24 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	B66T354		AS MIXED Sher-Cryl HPA B66T00354 reduced 12.5pct with R8K10	
	By wt	By vol	By wt	By vol
Total Volatiles	48.2%	55.0%	53.3%	60.0%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	0.40	48	0.58	69

Volatile Organic Compounds - EU Directive 2010/75/EU

	B66T354		AS MIXED Sher-Cryl HPA B66T00354 reduced 12.5pct with R8K10	
	By wt	By vol	By wt	By vol
Total Volatiles	47.8%	54.6%	50.6%	56.8%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	0.36	43	0.32	39

Volatile Organic Compounds - Mexico

	B66T354		AS MIXED Sher-Cryl HPA B66T00354 reduced 12.5pct with R8K10	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	9.38	1123	9.25	1108
	By wt	By vol	By wt	By vol
Total Volatiles	52.8%	60.4%	57.4%	64.8%
Exempt solvents				
Water	43.7%	49.7%	46.9%	52.5%
Non-Organic Volatiles				
Ammonium Hydroxide	0.2%	0.2%	0.2%	0.2%
Organic Volatiles	8.8%	10.4%	10.4%	12.1%
Percent Non-Volatile	47.2%	39.6%	42.6%	35.2%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	0.82	99	0.95	114
Less exempt solvents	1.65	197	2.01	241
Of solids	2.09	251	2.71	325
Of solids	0.18 lb/lb	0.18 kg/kg	0.24 lb/lb	0.24 kg/kg

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

	B66T354		AS MIXED Sher-Cryl HPA B66T00354 reduced 12.5pct with R8K10	
	LB/Gal	kg/L	LB/Gal	kg/L
Volatile HAPS	0.13	0.016	0.34	0.041
Of solids	0.34	0.041	0.97	0.116
Of solids	0.03 lb/lb	0.03 kg/kg	0.08 lb/lb	0.08 kg/kg

Air Quality Data

Density of Organic Solvent Blend

7.93 lb/gal

Photochemically Reactive

No

Density of Organic Solvent Blend AS MIXED

7.92 lb/gal

Photochemically Reactive AS MIXED

No

Additional Regulatory Information

US EPA TSCA:

Not Applicable

Relevant identified uses of the substance or mixture and uses advised against:

Not Applicable

US EPA TSCA: AS MIXED

Not Applicable

Relevant identified uses of the substance or mixture and uses advised against: AS MIXED

Not Applicable

Waste Disposal

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

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.