

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation

Jan 20, 2024

12 00 [0137]

PRODUCT NUMBER

B65T105

PRODUCT NAME

DIAMOND-CLAD® Clear Coat Urethane Finish (Part A), Clear

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)

B65T105 = | Acute | Chronic | Fire |

Product Weight

8.68 lb/gal

Specific Gravity

1.04

FLASH POINT

105 °F PMCC

AS MIXED (as per product data sheet): catalyzed

AS MIXED

Product Weight

8.62 lb/gal

Specific Gravity

1.04

FLASH POINT

86 °F TCC

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	0.1	< 1
Xylene 1330-20-7	N	Y	Y	Y	1	1
Heavy Aromatic Naphtha 64742-94-5	N	N	N	N	1	1
Naphthalene 91-20-3	N	Y	Y	Y	0.1	< 1
Ethyl 3-Ethoxypropionate 763-69-9	N	N	N	N	9	10
n-Butyl Acetate 123-86-4	N	Y	N	N	18	21

Volatile Ingredients AS MIXED

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Ethylbenzene 100-41-4	N	Y	Y	Y	0.3	< 1
Xylene 1330-20-7	N	Y	Y	Y	2	2
2,4-Pentanedione 123-54-6	N	N	N	N	2	2
Methyl n-Amyl Ketone 110-43-0	N	N	N	N	7	9
Ethyl 3-Ethoxypropionate 763-69-9	N	N	N	N	5	5
n-Butyl Acetate 123-86-4	N	Y	N	N	14	16

Volatile Organic Compounds - U.S. EPA / Canada

	B65T105		AS MIXED catalyzed	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	8.68	1040	8.62	1032
	By wt	By vol	By wt	By vol
Total Volatiles	29.3%	33.9%	32.1%	37.9%
Federally exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	29.3%	33.9%	32.1%	37.9%
Percent Non-Volatile	70.7%	66.1%	67.9%	62.1%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	2.54	304	2.76	331
Less exempt solvents	2.54	304	2.76	331
Of solids	3.84	460	4.45	534
Of solids	0.41 lb/lb	0.41 kg/kg	0.47 lb/lb	0.47 kg/kg
	By wt		By wt	
By wt LVP-VOC	28.1%		31.4%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.61**

AS MIXED Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.79**

Volatile Organic Compounds - California

	B65T105		AS MIXED catalyzed	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	8.68	1040	8.62	1032
	By wt	By vol	By wt	By vol
Total Volatiles	29.3%	33.9%	32.1%	37.9%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	29.3%	33.9%	32.1%	37.9%
Percent Non-Volatile	70.7%	66.1%	67.9%	62.1%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	2.54	304	2.76	331
Less exempt solvents	2.54	304	2.76	331
Of solids	3.84	460	4.45	534
Of solids	0.41 lb/lb	0.41 kg/kg	0.47 lb/lb	0.47 kg/kg
	By wt		By wt	
By wt LVP-VOC	28.1%		31.4%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.59**

AS MIXED Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.76****Volatile Organic Compounds - South Coast Air Quality Management District, California, US**

	B65T105		AS MIXED catalyzed	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	8.68	1040	8.62	1032
	By wt	By vol	By wt	By vol
Total Volatiles	29.3%	33.9%	32.1%	37.9%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	29.3%	33.9%	32.1%	37.9%
Percent Non-Volatile	70.7%	66.1%	67.9%	62.1%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	2.54	304	2.76	331
Less exempt solvents	2.54	304	2.76	331
Of solids	3.84	460	4.45	534
Of solids	0.41 lb/lb	0.41 kg/kg	0.47 lb/lb	0.47 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	B65T105		AS MIXED catalyzed	
	By wt	By vol	By wt	By vol
Total Volatiles	29.3%	33.9%	32.3%	38.1%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	2.54	304	2.78	333

Volatile Organic Compounds - EU Directive 2010/75/EU

	B65T105		AS MIXED catalyzed	
	By wt	By vol	By wt	By vol
Total Volatiles	29.3%	33.9%	32.1%	37.9%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	2.54	304	2.76	331

Volatile Organic Compounds - Mexico

	B65T105		AS MIXED catalyzed	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	8.68	1040	8.62	1032
	By wt	By vol	By wt	By vol
Total Volatiles	29.3%	33.9%	32.1%	37.9%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	29.3%	33.9%	32.1%	37.9%
Percent Non-Volatile	70.7%	66.1%	67.9%	62.1%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	2.54	304	2.76	331
Less exempt solvents	2.54	304	2.76	331
Of solids	3.84	460	4.45	534
Of solids	0.41 lb/lb	0.41 kg/kg	0.47 lb/lb	0.47 kg/kg

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

	B65T105		AS MIXED catalyzed	
	LB/Gal	kg/L	LB/Gal	kg/L
Volatile HAPS	0.12	0.014	0.17	0.020
Of solids	0.18	0.022	0.27	0.033
Of solids	0.01 lb/lb	0.01 kg/kg	0.02 lb/lb	0.02 kg/kg

Air Quality Data

Density of Organic Solvent Blend

7.50 lb/gal

Photochemically Reactive

Yes

Density of Organic Solvent Blend AS MIXED

7.30 lb/gal

Photochemically Reactive AS MIXED

Yes

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.