# **CPS2035**

# **CPS DTM Surfacer/Sealer Base**



### **GENERAL INFORMATION**

Formulated to provide the ultimate in performance, productivity, versatility, adhesion, durability and moisture/corrosion resistance, as well as superior sanding and sealing characteristics. Can be used as a primer surfacer or as a sealer. Has low Hazardous Air Polluting Solvents (HAPS) and no isocyanates. Short dry times.



### 1. COMPONENTS

CPS DTM Surfacer/Sealer Base

CPS 1-5
DTMA2035
171
172
173
174
CPS Hi Opacity Tints
Activator for DTM2035
Reducer Fast
Reducer Medium
Reducer Slow
Reducer Very Slow

171HP Reducer High Performance Fast
172HP Reducer High Performance Medium
173HP Reducer High Performance Slow
174HP Reducer High Performance Very Slow

X01
Reducer Fast Low VOC
X02
Reducer Medium Low VOC
LVBF100
Reducer Fast Low VOC
LVBM100
Reducer Medium Low VOC
LVBS100
Reducer Slow Low VOC



### 2. MIXING RATIO

 Mix three (3) parts CPS2035 to one (1) part CPS 1-5 to create desired color then activate and reduce for desired application

#### AS PRIMER SURFACER- 4:1:1 (by volume)

 Mix four (4) parts CPS2035 to one (1) part DTMA2035 activator and reduce with one (1) part solvents or reducers listed above

#### **USA VOC compliant rules:**

- For VOC 4.8 compliant use 170 or 170HP Series Reducers
- For VOC 3.5 compliant use Low VOC Reducers: X01, X02 or LVB100 Series Reducers

#### AS PRIMER SEALER- 4:1:2 (by volume)

 Mix four (4) parts CPS2035 to one (1) part DTMA2035 activator and reduce with two (2) parts solvents or reducers listed above

#### **USA VOC compliant rules:**

- For VOC 4.6 compliant use 170 or 170HP Series Reducers
- For VOC 3.5 compliant use Low VOC Reducers: X01, X02 or LVB100 Series Reducers



# POT LIFE @ 77°F (25°C)

• 45-60 Minutes



### 4. CLEAN UP

Use Valspar Refinish Reducers listed above (check local regulations)



### 5. Additives

N/A



# 6. SURFACE PREPARATION

- Wipe surface with 155 Surface Cleaner (steel) or 170 Aqua Clean (steel/aluminum) and wipe dry with clean cloth before product flashes
- Sand and featheredge substrate with P320 grit sandpaper or equivalent.
- Clean surface with 155 Surface Cleaner or 170 Aqua Clean and wipe dry with clean cloth before product flashes

### 7. TOPCOATS

N/A



#### 8. TECH NOTES

• N/A



### 9. SUBSTRATES

- Properly cleaned and sanded aluminum, steel, galvanized steel or sand blasted steel
- Properly cleaned and sanded fiberglass, SMC, E-Coat and OEM Finish



#### 10. APPLICATION

#### **AS PRIMER SURFACER:**

- Spray one (1) to three (3) medium wet coats
- Allow 10-15 minutes between or until surface has dulled to a matte finish
- Recommended Dry Film Thickness 1.0-4.0 mils (25-100 µm)

#### **AS PRIMER SEALER:**

- Spray one (1) medium coat
- Recommended Dry Film Thickness 0.6-1.0 mils (15-25 µm)

#### NOTE:

- Surface temperature should be 50-100°F (10-38°C) with less than 80% humidity preferred
- If sealer is allowed to dry more than 12 hours before topcoating, sealer must be re-sanded



#### 11. FLASH / DRY TIMES

AIR DRY @ 77°F (25°C)

	AS PRIMER SURFACER	AS PRIMER SEALER	
Flash Time	10-15 Minutes	5-10 Minutes	
To Sand	60-90 Minutes	Nib Sand 20 Minutes	
To Topcoat	30 Minutes	20-30 Minutes	
To Topcoat Without Sanding	N/A	8 Hours Maximum	



# 12. INFRARED CURE

• N/A



# 13. GUN SET UP SEE PAGE 2



If used as instructed, this product is designed to comply with the US National Volatile Organic Compound (VOC) Emission Standard for Automobile Refinish Coatings. Confirm compliance with state and local air quality rules before use. The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. Valspar assumes no obligation or liability for use of this information. UNLESS VALSPAR AGREES OTHERWISE IN WRITING, VALSPAR MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR APARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. VALSPAR WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES. Your only remedy for any defect in this product is the replacement of the defective product, or a refund of its purchase price, at our option.



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# 13. GUN SET UP (continued)

CONVENTIONAL GUN	AS PRIMER SURFACER	AS PRIMER SEALER	
Nozzle	1.5-1.9 mm	1.3-1.5 mm	
Air Cap	1.5-1.9 mm	1.3-1.5 mm	
Inlet Air Pressure	30-45 psi (2.0-3.1 bar)	30-45 psi (2.0-3.1 bar)	

HVLP	AS PRIMER SURFACER	AS PRIMER SEALER 1.3-1.5 mm 1.3-1.5 mm	
Nozzle	1.5-1.9 mm		
Air Cap	1.5-1.9 mm		
Inlet Air Pressure	20-30 psi (1.5-2.0 bar)	25-35 psi (1.7-2.5 bar)	
See spray gun manufacturer info			



# 14. PHYSICAL DATA

FOR USA (4.8/3.5 LBS./GAL Compliance):

	4:1:1		4:1:1	
RTS REGULATORY DATA	(170 or 170HP Series Reducers)		(X01, X02 or LVB100 Series Reducers)	
	LBS./ GAL.	g/L	LBS./ GAL.	g/L
Actual VOC	4.1 Max.	495 Max.	2.5 Max.	295 Max.
Regulatory VOC (less water and exempt solvents)	4.8 Max.	580 Max.	3.5 Max.	420 Max.
Density	10 - 13	1200 - 1560	10 - 13	1200 - 1560
	WT.%	VOL.%	WT.%	VOL. %
Total Solids Content	50 - 60	35 - 45	50 - 60	35 - 45
Total Volatile Content	40 - 50	55 - 65	40 - 50	55 - 65
Water	0	0	0	0
Exempt Compound Content	15 - 25	15 - 25	30 - 40	30 - 40
Coating Category	Primer Surfacer			

**NOTE:** US Regulations allow for the use of exempt compounds for VOC calculations.



# 14. PHYSICAL DATA (continued) FOR USA (4.6/3.5 LBS./GAL Compliance):

(					
	4:1:2		4:1:2		
RTS REGULATORY DATA	(170 or 170HP Series Reducers)		(X02 or LVB100 Series Reducers)		
	LBS./ GAL.	g/L	LBS./ GAL.	g/L	
Actual VOC	3.9 Max.	470 Max.	2.1 Max	250 Max.	
Regulatory VOC (less water and exempt solvents)	4.6 Max.	550 Max.	3.5 Max.	420 Max.	
Density	10 - 12	1200 - 1440	10 - 12	1200 - 1440	
	WT.%	VOL.%	WT.%	VOL. %	
Total Solids Content	45 - 55	30 - 40	45 - 55	30 - 40	
Total Volatile Content	45 - 55	60 - 70	45 - 55	60 - 70	
Water	0	0	0	0	
Exempt Compound Content	15 - 25	15 - 25	35 - 45	40 - 50	
Coating Category	Primer Sealer				

**NOTE:** US Regulations allow for the use of exempt compounds for VOC calculations.

### FOR REST-OF-WORLD (outside US and Canada):

	4:1:1		4:1:2	
RTS REGULATORY DATA	(170 or 170HP Series Reducers)		(170 or 170HP Series Reducers)	
	LBS./ GAL.	g/L	LBS./ GAL.	g/L
VOC	5.6 Max.	680 Max.	6.0 Max	720 Max.
Density	10 - 13	1200 - 1560	10 - 12	1200 - 1440
	WT.%	VOL.%	WT.%	VOL. %
Total Solids Content	50 - 60	35 - 45	45 - 55	30 - 40
Total Volatile Content	40 - 50	55 - 65	45 -55	60 - 70
Water	0	0	0	0
Coating Category	Primer Surfacer		Primer Sealer	

**NOTES** 

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