



HSP-2128 Low VOC Polyurethane Primer with GXH1086 Hardener

Technical Bulletin CPCTB20

This Technical Bulletin is a supplement to CPCPB311 Product Bulletin for HSP-2128 Primer. Use this when HSP-2128 Tintable Polyurethane Primer is used with GXH1086 Urethane Hardener.

Refer to CPCPB311 Product Bulletin for additional technical and safety data.

Associated Products:

- HSP-2128 Low VOC Tintable Polyurethane Primer
- GXH1086 Urethane Hardener
- UA-11 Urethane Accelerator
- UE-28 Urethane Extender

Physical Constants:

All values are theoretical, depend on color and are Ready-to-Spray. Actual values could vary slightly due to manufacturing variability.

	HSP-2128 w/tint	HSP-2128 w/tint : GXH1086 : UA-11 or UE-28
Percent solids (by weight)	79.9 – 80.6%	78.4 – 78.9%
Percent solids (by volume)	62.2 – 62.8%	63.0 – 63.5%
HAPs	< 0.01 lbs/gal	< 0.01 lbs/gal
Photo-chemically reactive	No	No
Flash Points		
HSP-2128 = 1°F (-17°C)		
GXH1086 = 102 °F (39°C)		
UA-11 = 96 °F (36°C)		
RTS Combinations	HSP-2128 w/tint	HSP-2128 w/tint : GXH1086 : UA-11 or UE-28
Volume Ratio	As is	4 : 1 : 6 oz/rts gal UA-11
VOC Actual	222 -228 (g/L) 1.85 - 1.90 (lbs/gal)	243 – 248 (g/L) 2.03 – 2.07 (lbs/gal)
VOC Regulatory (less water less exempt)	248 – 254 (g/L) 2.07 - 2.12 (lbs/gal)	262 – 267 (g/L) 2.19 – 2.23 (lbs/gal)
Density	1,546 – 1,570 (g/L) 12.89 - 13.09 (lbs/gal)	1,431 – 1,449 (g/L) 11.96 – 12.11 (lbs/gal)
Volatiles wt.	19.4 - 20.1%	21.1 – 21.6%
Water wt.	0.0%	0.2%
Exempt wt.	5.2 - 5.3%	4.3 – 4.4%
Water vol.	0.0%	0.2 – 0.3%
Exempt vol.	10.4%	7.9%



Directions For Use

Mix Directions

Stir thoroughly prior to and occasionally during use.

TINTING (optional):

To each gallon container of HSP-2128 (100 oz. net), add 2 oz of CPC Tinter.

ACTIVATION: Mix tinted HSP-2128 4:1 by volume with GXH1086 urethane hardener. Add 6 oz. of UA-11 or UE-28 per gallon of activated product.

THINNING:

For improved application properties and pot life, thinning is recommended between 10% - 25% by volume with Acetone (Q30) or 10% - 15% by volume with MAK or MEK. Use of thinners other than Acetone will increase the VOC of the product. Ready to spray VOC at these recommendations is less than 2.8.

Blend Ratio:	<u>HSP-2128</u>	<u>GXH1086</u>	<u>UA-11 or UE-28*</u>
	4 Parts	1 Part	6 oz per gallon

***Important! UA-11 or UE-28 must be added to activated HSP-2128. UA-11 or UE-28 cannot be pre-added to the A-side**

Spray Viscosity Range: # 3 Zahn : 10 – 20 seconds

Application

Apply:	1 – 2 medium coats with a 15 minute flash.
Recommended Wet Film Build:	3.2 – 4.0 mils
Recommended Dry Film Build:	2.0 – 2.5 mils
Square foot Coverage @ 1 mil no loss:	1,011 – 1,018 ft ²

Information contained herein is intended for compatibility and applicability of technologies. Always verify product and substrate compatibility prior to use.



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