



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.

	<u>HSP-2128</u>	<u>GXH1086</u>	<u>UA-11 or UE-28*</u>
Blend Ratio:	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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