



HIGH TECK 7200 2.1 VOC HIGH SOLIDS UNIVERSAL CLEAR

Version: 1.0
Date of issue: 03/01/2020 Revision date: 03/01/2020

TECHNICAL DATASHEET

7200 High Solids Universal Clear is a quality 4:1 mix 2.1 V.O.C. Compliant Clear Coat. It is a high gloss, user friendly product ideal for spot and panel refinishing.

- U.V. resistant high build finish with excellent gloss retention.
- Can be applied over most water and solvent borne basecoat paint systems.
- Excellent scratch and abrasion resistance.
- Excellent flow and non-sag properties.
- Easy to apply - can be used for spot, panel or overall repairs.
- Air dry, low bake or IR cure.
- Easy to sand and buff.

Application Guide

Tools Required	<p>7800 WIPEOUT SURFACE PREP 7801V FINAL WIPEOUT LOW VOC WATERBASED ANTI-STATIC WAX & GREASE REMOVER HVLP Gravity Gun P600-P1000 Abrasives Personal Protective Equipment (please see Safety Data Sheet) Tack Cloth</p>		
Surface Preparation	<p>Substrate solvent/water-based basecoat</p>	<p>Degreaser 7800 / 7801V</p>	<p>Abrasion P800 - P1000 (wet), P600 - P800 (dry)</p>
	<p><i>For best results, good preparation is essential. Ensure the basecoat has fully dried according to the manufacturer's TDS prior to application. Clean and degrease removing dirt, oil, grease and wax using cleaning solutions such as 7800 / 7801V. Abrade with grit paper as stated above for each respective substrate. Re-clean, dry and degrease the abraded substrate ready for application.</i></p>		
Hardener Selection	<p>Application Temperature 50 – 80 °F 60 – 90 °F 70 – 100 °F</p>	<p>Speed Fast Medium Slow</p>	<p>Activator 7591 2.1 VOC FAST UNIVERSAL ACTIVATOR 7592 2.1 VOC MEDIUM UNIVERSAL ACTIVATOR 7593 2.1 VOC SLOW UNIVERSAL ACTIVATOR</p>
Mixing Ratio	<p>Clearcoat Activator Reducer</p>	<p>Standard Application 4 parts 1 parts up to 10% if necessary</p>	
Gun Application	<p>Viscosity Working Pot-Life at 70°F Gun Tip Size Air Pressure at Gun</p>	<p>12 – 15 DIN4 seconds 3 – 5 hours 1.3 – 1.6 mm 2 bar</p>	
Coats	<p>Number of Coats Flash-off at 70°F Dry Film Build Approximate Theoretical Coverage*</p>	<p>2 – 3 5 – 10 minutes 40 µm 97 ft² per litre</p> <p>*Theoretical Coverage per unit assuming 100% transfer efficiency and giving the dry film thickness between indicated values.</p>	
Drying Time	<p>Tack Free at 70°F Through dry at 70°F Through dry at 140°C</p>	<p>30 minutes 6 – 8 hours 30 minutes</p>	
Polishing	<p>Ready to polish at 70°F</p>	<p>1 hour after cooling down of substrate to ambient temperature.</p>	

Technical information

Physical properties	<p>Appearance Colour</p>	<p>Liquid. Colourless</p>
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Density 0.96 – 0.98 g/cm³

VOC Information	Unmixed			
	As Applied Regulatory VOC	Mixed 4:1 with 7591	Mixed 4:1 with 7592	Mixed 4:1 with 7593
As Packaged Regulatory VOC	269 g/l (2.24 lbs/gal)	241 g/l (2.0 lbs/gal)	240 g/l (2.0 lbs/gal)	240 g/l (2.0 lbs/gal)
As Packaged Actual VOC	137 g/l (1.14 lbs/gal)	118 g/l (1.0 lbs/gal)	118 g/l (1.0 lbs/gal)	118 g/l (1.0 lbs/gal)
Percent Solids	37.8 wt%	37.71 wt%	37.70 wt%	37.21 wt%
Volatiles	62.2 wt%	62.3% wt%	63.2 wt%	62.8 wt%
Water Content	0 wt%	0 wt%	0 wt%	0 wt%
Water Content	0 vol%	0 vol%	0 vol%	0 vol%
Exempt Compounds	49.1 wt%	51.0 wt%	51.1 wt%	51.7 wt%
Exempt Compounds	48.5 vol %	51.0 vol%	50.7 vol%	50.8 vol%
% HAPS	4.0 wt%	3.2 wt%	3.2 wt%	3.2 wt%
Specific gravity / density	1042 g/l (8.7 lbs/gal)	1045 g/l (8.7 lbs/gal)	1054 g/l (8.8 lbs/gal)	1065 g/l (8.9 lbs/gal)

These values are based on theoretical calculations. Batch-to-batch variations may lead to small differences in VOC values. Please be aware that the addition of additives such as a reducer will lead to changes in VOC content.

Equipment Cleaning Clean gun immediately after use with a thinner or gunwash. Please check your local VOC regulations.

Important Remarks Do not use activated product beyond pot life. Activated material should not be returned to the original can of non-activated material. Please note that the addition of a reducer or accelerator may affect the applied VOC content. Please be aware of your local VOC regulations.

Shelf Life & Storage	Order Code	Format	Shelf Life	Comment
		HIT.7200-1	1 US Gallon Tin	4 years
	HIT.7200-41	1 QT Tin	4 years	
	HIT.7593-25	2.5L Tin	1 year	
	HIT.7593-4	1 QT Tin	1 year	Date of manufacture and/or 5-digit batch code printed on base of tin/adhesive label/adhesive label on kit box. e.g. 93822 = 2019, week 38, batch 22
	HIT.7591-25	2.5L Tin	1 year	
	HIT.7591-4	1 QT Tin	1 year	
	HIT.7592-16	250ml Tin	1 year	
	HIT.7592-25	2.5L Tin	1 year	
	HIT.7592-4	1 QT Tin	1 year	

Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

Recommended storage temperature 40 °F - 75 °F

IMPORTANT: FOR PROFESSIONAL USE ONLY. Read full instructions before use.

The contents of the package must be blended with other components before the product can be used. Any mixture of components will have hazards of all components. Before opening the packages, read all warning labels. Follow all precautions. The material is designed for application only by professionally trained personnel using proper equipment under controlled conditions, and is not intended for sale to the general public.

SEE MSDS AND PRODUCT LABELS FOR ADDITIONAL SAFETY INFORMATION