

All safety equipment must be worn and used with this product before starting

Product Name	
Full Product Name	UE07 UV 2K Clearcoat
Type of Product	UV 2K Clear Coat
Description	The UE07 UV 2K Clearcoat is a high-performance dual cure UV Clear. It can be applied over solvent and waterborne basecoats. This product has excellent chemical resistance and weather resistance, also flexible properties.

Products		
Product Name	Weight Solids %	Density g/mL lbs/US gal
UE07 UV 2K Clearcoat	45	1.03 8.59

Properties
<ul style="list-style-type: none"> • Ultra-Fast Curing
<ul style="list-style-type: none"> • Excellent levelling and Flow
<ul style="list-style-type: none"> • Chemical & Weather Resistance

Substrates
<ul style="list-style-type: none"> • Can't be applied to metal substrate directly
<ul style="list-style-type: none"> • Concept No Mix Basecoat System colours
<ul style="list-style-type: none"> • Sound existing surfaces, except for unstable surfaces such as nitrocellulose or enamels

All safety equipment must be worn and used with this product before starting





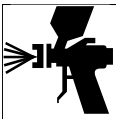
Substrate Preparation



All Substrates







All surfaces must be free & cleaned from any contamination prior to application

Product Preparation




 Mixing Ratio 3:1 (by volume)	UE07 UV 2K Clearcoat		QH9 UV Hardener	
	3		1	
 Reducer	Up to 15%			
 Pot life @ 25°C (77°F)	N/A			
 Spray viscosity @ 25°C (77°F)	BSB 4 Cup Ford 4 Cup	17-18 sec 15-16 sec		
Spray equipment 	Gun type	Fluid tip	Spray pressure	Spray Distance
	Gravity feed	1.3-1.4 mm 0.051-0.055"	200-240 kPa 2.0-2.4bar 30-35psi	15-20 cm 6-8 inch

Technical Data Sheet

All safety equipment must be worn and used with this product before starting

 	<p>Suction feed</p>	<p>1.3-1.4 mm 0.051-0.055</p>	<p>200-240 kPa 2.0-2.4bar 30-35psi</p>	<p>15-20 cm 6-8 inch</p>
	<p>HVLP</p>	<p>1.2-1.3 mm 0.047-0.051</p>	<p>40-70kPa 0.4-0.7bar 6-10psi</p>	<p>15-20 cm 6-8 inch</p>
 <p>Number of coats</p>	<p>2</p>	<p>Apply two even medium wet coats with no flash off in between. Avoid heavy wet coats</p>		
 <p>DFT Maximum Recommended</p>	<p>30-40µm</p>			
 <p>Flash off time @ 25°C (77°F)</p>	<p>2 min</p>			
 <p>UV Drying</p>	<p>CONCEPT UV LAMP @ 30°C (86°F)</p>	<p>After 2 minutes flash off. Use UV Lamp irradiating 60 sec for curing. USE ONLY THE CONCEPT UV B LAMP - VERY IMPORTANT THAT ALL SAFETY EQUIPMENT IS WORN</p>		
<p>This data relates only to the material designated herein and does not apply to use in combination with any other material or any process. The data is not to be considered as a warranty or quality specification and we assume no liability in connection with its use.</p>				

All safety equipment must be worn and used with this product before starting

Remarks	
	Stir all products thoroughly each time before use Stir the mixture well after the weigh-out of the components.
	Surface temperature must always be a minimum of 3°C (5°F) above dew point.
	For the best finish, avoid applying heavy coats on flat surfaces. A maximum Dry Film Thickness of 40-50 µm gives the best result.

Equipment Cleaning	
Use Recommended Concept Paints 035 Gunwash.	

Dry Film Properties	After UV light curing
Gloss	Very high
Hardness/Flexible	Excellent
Chemical resistance	Excellent
Durability	Excellent
Polishing	Excellent after UV curing

Product Data	
Colour	Colourless
Theoretical Coverage	Approx. 10 m ² /L (at film thickness 30µm) Approx. 8 m ² /L (at film thickness 40µm)
Shelf Life	12 months in original packing

All safety equipment must be worn and used with this product before starting

Product Packaging

Product Code	Product Name	Package Size
AU78090000001	UE07 UV 2K Clearcoat	1L
AU28092000.25	QH9 UV Hardener	250mL
AU88092000001	Q17 UV Thinner	1L

Safety

For automotive and industrial use only by professional painters. Not recommended for sale to, or use by the general public. Before using, read and follow all **label and Safety Data Sheet (SDS) precautions**. If mixed with other components, the mixture will have hazards of all individual components.

Read and understand the Guidelines for the Safe Handling and Use of Monomer and Photoinitiator Containing Paints, including the use of approved respiratory protection and Personal Protective Equipment. Use only in a well-ventilated approved spray booth, according to local regulations.

UV light can react with the skin and eyes causing burns and blindness. Over exposure can lead to melanomas. Only approved UV lamps should be used with these products. UV lamps must be held or installed in a manner that neither the operator and or surrounding people are exposed to direct light. Use only UV Safety Glasses / Goggles which comply with AS/NZS 1337. Gloves and long sleeves must be worn to protect skin from reflected light off painted surfaces.

The information provided in this documentation has been carefully selected and arranged by us. It is based upon our best knowledge on the subject at the date of issuance. The Information is given for information purposes only. We are not liable for its correctness, accuracy and completeness. It is up to the user to check if the information is current and the product is suitable for its intended purpose. The intellectual property in this Information, including patents, trademarks and copyrights, is protected. All rights reserved.

We may modify and/ or discontinue operation of all or portions of this Information at any time in our sole discretion, without notice and assume no responsibility to update the Information. All rules set forth in this clause shall apply accordingly for any future changes and amendments.

This Technical Data Sheet supersedes all previous issues.

Concept Paints
26-30 Charles Street
St Marys NSW 2760
Sydney, Australia

ph. +61 (2) 9673 2555
fax. +61 (2) 9623 1918
office@conceptpaints.com.au
www.conceptpaints.com.au