**CONCEPT PAINTS** ®

# Technical Data Sheet

Date: 11th October 2021

Version: 02

## Product Name

| Full Product Name | **Infra-Red Primer Hardener** |
|---|---|
| Type of Product | Infra-Red Curing Isocyanate Hardener |
| Description | Infra-Red Primer Hardener is an isocyanate hardener, specifically designed to be used with Concept Paints' HS 2K Primer range for curing using both, short and medium wave, Infra-Red equipment. |

## Products

| Product Name | Volume Solids % | Weight Solids % | Density g/mL  lbs/US gal | VOC g/L  lbs/US gal |
|---|---|---|---|---|
| Infra-Red Primer Hardener | 33.9 | 39.9 | 0.986     8.23 | 593.1     4.95 |

## Properties

- Promotes infra-red drying

## Substrates

- Refer to the Technical Data Sheet for the base product

## Substrate Preparation

| **All Substrates** | All surfaces must be thoroughly sanded and cleaned with Concept Wax & Grease Remover prior to application. |
|---|---|

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## Product Preparation

| Mixing Ratio 4:1 (by volume) | | Concept HS 2K Primer | Concept Infra-Red Primer Hardener |
|---|---|---|---|
| | | 4 parts | 1 part |
| **Reducer** | Refer to the Technical Data Sheet for the base product | | |
| **Pot life** @ 25°C (77°F) | Refer to the Technical Data Sheet for the base product | | |
| **Spray viscosity** @ 25°C (77°F) | Refer to the Technical Data Sheet for the base product | | |
| **Product Application** | Refer to the Technical Data Sheet for the base product | | |
| **IR Drying** | 5 minutes at half power at a distance of 80cm followed by 15 – 20 minutes at full power at a distance of 80cm. | | |

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.

## 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. |

## Equipment Cleaning

Use recommended Concept Paints 035 Gunwash

## Dry Film Properties

After 7 days drying, **when compared to similar technology products.**

Refer to the Technical Data Sheet for the base product

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| Colour | Water white |
|---|---|
| Theoretical Coverage | Refer to the Technical Data Sheet for the base product |
| Shelf Life | 24 months in an unopened container at room temperature away from sunlight. |

## Product Packaging

| Product Code | Product Name | Package Size |
|---|---|---|
| AU22692000001 | Infra-Red Primer Hardener | 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 Isocyanate 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.

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