

Technical Data Sheet

| Product Name | |
|-------------------|--|
| Full Product Name | No Mix |
| Type of Product | 2K solvent borne clear over base (COB) basecoat |
| Description | Concept No Mix is a clear over base (C.O.B) tinting system that requires NO MIXING and No mixing machine is required . It is characterised by superior colour strength and depth as well as excellent flow properties and colour matching capability. |

| Tinters | | | | |
|-----------------------|-----------------|-----------------------|-----------------------|------------|
| Code & Name of Tinter | Density g/mL | Weight Solids % | Volume Solids % | VOC g/L |
| NM-01 Black | 1.018 | 36.4 | 29.1 | 647.3 |
| NM-02 Blue | 0.987 | 34.0 | 27.2 | 651.1 |
| NM-03 Bright Blue | 0.968 | 23.7 | 17.4 | 737.9 |
| NM-04 Bright Gold | 1.024 | 39.3 | 31.5 | 621.5 |
| NM-05 Bright Red | 0.983 | 28.4 | 21.5 | 703.4 |
| NM-06 Custard | 1.113 | 40.5 | 26.4 | 661.5 |
| NM-07 Copper | 1.008 | 29.9 | 20.4 | 706.3 |
| NM-10 Deep Black | 1.033 | 31.0 | 26.0 | 712.3 |
| NM-11 Cobalt Blue | 1.013 | 33.5 | 27.3 | 674.3 |
| NM-12 Maroon | 0.990 | 31.0 | 24.3 | 682.5 |
| NM-13 Deep Maroon | 0.995 | 32.6 | 25.8 | 671.1 |
| NM-14 Garnet | 0.999 | 34.3 | 27.5 | 656.2 |
| NM-15 Green | 1.044 | 36.3 | 28.8 | 664.4 |
| NM-16 Green Blue | 1.003 | 36.7 | 29.8 | 635.3 |
| NM-17 Green Gold | 1.041 | 34.5 | 28.7 | 681.4 |
| NM-18 Grey Black | 0.992 | 30.1 | 22.5 | 693.6 |
| NM-19 Empress Black | 0.912 | 16.5 | 11.0 | 763.8 |
| NM-20 Light Red Oxide | 1.030 | 31.2 | 20.7 | 708.0 |
| NM-21 Lime | 1.042 | 33.2 | 24.9 | 696.2 |
| NM-22 Magenta | 0.992 | 32.2 | 25.4 | 671.3 |
| NM-23 Midnight Blue | 1.012 | 37.0 | 29.1 | 638.2 |
| NM-24 Red Gold | 1.009 | 30.6 | 21.3 | 700.1 |
| NM-25 Red Maroon | 1.022 | 33.4 | 27.7 | 680.2 |

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|----------------------------------|-------------------------|--------------------------------|--------------------------------|--------------------|
| Code & Name of Tinter | Density g/mL | Weight Solids % | Volume Solids % | VOC g/L |
| NM-28 Turquoise | 1.017 | 38.0 | 31.0 | 630.9 |
| NM-30 Violet | 0.971 | 24.6 | 18.3 | 731.7 |
| NM-31 White | 1.173 | 45.4 | 28.6 | 640.5 |
| NM-32 Yellow Gold | 1.043 | 34.1 | 22.4 | 687.6 |
| NM-33 Yellow Ochre | 1.052 | 34.3 | 22.7 | 690.9 |
| NM-34 Special Violet | 1.008 | 30.2 | 24.4 | 704.1 |
| NM-35 Port Wine Red | 1.015 | 32.6 | 27.2 | 684.2 |
| NM-36 Deep Blue | 1.006 | 32.8 | 26.5 | 675.6 |
| NM-37 Special Deep Black | 0.975 | 23.0 | 17.4 | 751.8 |
| NM-38 Special Red Maroon | 1.005 | 31.4 | 25.3 | 689.0 |
| NM-39 HS Special Red | 1.003 | 33.3 | 25.9 | 669.2 |
| NM-41 Reduced Black | 0.967 | 24.5 | 18.0 | 730.6 |
| NM-42 Silk Silver | 1.035 | 30.5 | 19.1 | 719.4 |
| NM-43 Silk Russet | 1.038 | 30.5 | 18.9 | 721.5 |
| NM-44 Silk Gold | 1.031 | 30.2 | 19.0 | 719.9 |
| NM-45 Silk Blue | 1.028 | 29.2 | 18.1 | 727.3 |
| NM-46 Silk Red | 1.033 | 30.4 | 19.1 | 719.3 |
| NM-47 Silk Green | 1.035 | 30.6 | 19.2 | 718.3 |
| NM-48 Silk Copper | 1.030 | 29.8 | 18.7 | 723.2 |
| NM-51 Red Yellow | 1.005 | 33.2 | 26.3 | 671.0 |
| NM-52 Topaz | 1.008 | 33.7 | 25.5 | 668.3 |
| NM-53 Organic Orange | 0.998 | 31.7 | 23.2 | 681.2 |
| NM-59 Metallic Additive | 0.963 | 23.4 | 17.0 | 737.7 |
| NM-60 Stabilizer Additive | 0.963 | 23.4 | 17.0 | 737.7 |
| NM-61 Effect White | 1.091 | 38.4 | 27.5 | 671.8 |
| NM-62 HS Special White | 1.286 | 52.0 | 31.0 | 616.9 |
| NM-63 HS Special Yellow | 1.185 | 45.2 | 28.0 | 649.8 |
| NM-65 Fine Metallic | 0.980 | 24.3 | 16.2 | 742.5 |
| NM-66 Medium Metallic | 0.969 | 23.2 | 16.0 | 744.8 |
| NM-67 Coarse Metallic | 0.969 | 23.1 | 16.0 | 745.1 |
| NM-68 Extra Fine Silver | 0.974 | 23.6 | 16.2 | 744.0 |
| NM-69 Fine Silver | 0.977 | 23.9 | 15.9 | 743.9 |
| NM-70 Silver | 0.972 | 23.5 | 16.1 | 743.8 |
| NM-71 Medium Silver | 0.981 | 24.3 | 16.1 | 742.8 |
| NM-72 Coarse Silver | 0.977 | 23.8 | 16.0 | 744.7 |
| NM-74 Coarse Aluminium | 0.974 | 23.6 | 16.1 | 743.8 |
| NM-75 Extra Coarse Aluminium | 0.979 | 24.5 | 16.4 | 739.2 |

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| Tinters | | | | |
|------------------------------------|-------------------------|--------------------------------|--------------------------------|--------------------|
| Code & Name of Tinter | Density g/mL | Weight Solids % | Volume Solids % | VOC g/L |
| NM-77 Fine White Pearl | 1.048 | 32.3 | 20.2 | 709.4 |
| NM-78 White Sparkle Pearl | 1.040 | 31.7 | 20.1 | 710.2 |
| NM-80 Yellow Pearl | 1.055 | 33.0 | 20.6 | 706.0 |
| NM-82 Fine Yellow Gold Pearl | 1.024 | 30.3 | 19.1 | 713.6 |
| NM-83 Orange Pearl | 0.990 | 26.7 | 18.0 | 726.2 |
| NM-86 Copper Pearl | 1.048 | 32.2 | 20.2 | 709.7 |
| NM-87 Bright Russet Pearl | 1.056 | 32.8 | 20.2 | 709.4 |
| NM-88 Fine Russet Pearl | 1.057 | 32.8 | 20.1 | 710.3 |
| NM-89 Blue Russet Pearl | 1.048 | 32.2 | 20.1 | 710.8 |
| NM-90 Red Blue Pearl | 1.049 | 32.0 | 19.8 | 713.4 |
| NM-91 Fine Blue Pearl | 1.047 | 32.0 | 19.9 | 712.1 |
| NM-92 Green Blue Pearl | 1.033 | 30.9 | 19.7 | 714.4 |
| NM-93 Fine Green Pearl | 1.045 | 31.9 | 20.0 | 711.6 |
| NM-95 Blue Green Pearl | 1.048 | 32.3 | 20.2 | 709.4 |
| NM-96 Red Pearl | 1.046 | 32.2 | 20.3 | 709.0 |
| NM-97 Fine Silver Pearl | 1.035 | 31.0 | 19.7 | 713.8 |
| NM-98 Fine Violet Pearl | 1.064 | 33.8 | 20.8 | 704.3 |
| NM-99 Metallic Raiser | 1.014 | 30.3 | 20.5 | 706.1 |
| NM-101 Red Candy | 1.029 | 16.9 | 14.0 | 855.6 |
| NM-102 Brandy Wine Candy | 1.062 | 18.7 | 16.0 | 864.2 |
| NM-103 Yellow Candy | 1.075 | 20.4 | 17.8 | 855.8 |
| NM-104 Green Candy | 1.067 | 20.4 | 17.6 | 849.0 |
| Universal (MS) Hardener Fast | 0.968 | 40.2 | 33.6 | 578.3 |
| Universal (MS) Hardener Normal | 0.986 | 39.9 | 33.9 | 593.1 |
| Universal (MS) Hardener Slow | 1.004 | 40.9 | 35.4 | 593.8 |
| Universal (MS) Hardener Super Fast | 0.938 | 38.9 | 31.5 | 572.7 |
| NM Reducer | 0.883 | 0.0 | 0.0 | 8.83 |

Properties

- Superior pigment distribution, eliminating mottling
- Improved colour depth, providing better coverage
- Consistency in Tinter/Toner strength, assisting with colour matching
- Greater flow characteristics resulting in ease of application
- Incorporating an extensive range of colour formulations

Substrates

- Concept Paints Primers and primer surfacers e.g. HS 2K Primer
- Sound existing surfaces, except for unstable surfaces such as nitrocellulose or enamels

Substrate Preparation










All Substrates




All surfaces must be thoroughly sanded and cleaned with Concept Wax & Grease Remover prior to application

Technical Data Sheet

Product Preparation

| | | | | | |
|---|--------------------------------------|--|----------------------------|---|-----------------------|
|  | Reducer | 100% (v/v) of Concept NM Reducer Note: To activate, 5% Concept Universal (MS) Hardener can be added to the No Mix colour, before thinning, if required | | | |
|  | Pot life @ 25°C (77°F) | N/A | | | |
|  | Spray viscosity @ 25°C (77°F) | BSB 4 Cup | 17-18 s | | |
| | | Ford 4 Cup | 15-16 s | | |
|  | Spray equipment | Gun type | Fluid tip | Spray pressure | Spray Distance |
| | | Gravity feed | 1.3-1.4 mm 0.051-0.055" | 190-200 kPa 1.9-2.0 bar 27.5-29 psi | 15-20 cm 6-8 inch |
| | | Suction feed | 1.3-1.4 mm 0.051-0.055" | 190-200 kPa 1.9-2.0 bar 27.5-29 psi | 15-20 cm 6-8 inch |
| | | HVLP | 1.2-1.3 mm 0.047-0.051" | 40-70 kPa 0.4-0.7 bar 6-10 psi | 15-20 cm 6-8 inch |
|  | Number of coats / DFT | 2-3 coats | 20-25 µm 0.8-1.0 mils | | |
|  | Flash off time @ 25°C (77°F) | 5-10 min between coats | | | |
|  | Drying | Air Dry | 30-40 min @ 25°C (77°F) | | |
| <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> | | | | | |

Technical Data Sheet

| Remarks | |
|---|---|
|  | 5 – 10% v/v of Concept NM-99 Metallic Raiser may be added for a brighter, cleaner and a more brilliant face and flip, if required |
|  | 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 Cleaner | |

| Product Data | |
|----------------------|--|
| Theoretical Coverage | Approx. 8 m ² /L DFT |
| Shelf Life | 36 months in an unopened container at room temperature away from sunlight. |

Technical Data Sheet

Product Packaging

| | |
|---|-------------|
| 42 x Concept No Mix Solid and Reduced Tinters | 250mL, 1L |
| 7 x Concept No Mix Xirallic Tinters | 250mL, 1L |
| 11 x Concept No Mix Metallic Tinters | 1L |
| 17 x Concept No Mix Pearl Tinters | 1L |
| 1 x Concept No Mix Metallic Raiser Tinter | 1L |
| 4 x Concept No Mix Candy Tinters | 250mL |
| Concept Universal (MS) Hardeners | 500mL, 1L |
| Concept NM Reducer | 1L, 4L, 20L |
| Concept NM-99 Metallic Raiser | 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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This Technical Data Sheet supersedes all previous issues.

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