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PRODUCT INFORMATION SHEET

4-11-10

UNIVERSAL FLATTING BASE

Description

MOTOSPRAY UNIVERSAL FLATTING BASE is a flattening agent suitable for use in HiChem and Motospray solvent based topcoats.

Uses

UNIVERSAL FLATTING BASE provides a smooth matt finish to the required gloss level and is suitable for use in the following HiChem products:-

- Acrylic Lacquer, Colours and Clear.
- Automotive Enamel
- Quick Dry Enamel
- QD 601 Super Enamel
- Iso Free Acrylic colours and Iso-Free Clear.

Universal Flattening Base may also be compatible with other types and brands of paint. A small sample should always be tested to confirm compatibility and that the level of addition is appropriate for other manufacturers product.

Do not use in 2 Pack Colour, 2 Pack Superclear, 2 Pack Platinum Clear, 2 Pack Express Clear.

Application: Stir *Universal Flattening Base* thoroughly before use.

Acrylic Lacquers, Automotive Enamel, Quick Dry Enamel, QD 601 Super Enamel, 2 Pack Iso-Free Finish:
Before thinning, add the required amount of *Universal Flattening Base* to the top coat and stir thoroughly. Add the Hardener to the 2 Pack Iso-Free Finish **before** adding the *Universal Flattening Base*.

Addition rates:

1. Guide for addition of UFB by weight

	10% GLOSS	30% GLOSS	50% GLOSS
Acrylic Lacquers	18 % UFB	6 % UFB	3 % UFB
AutoEnamel/Quick Dry Enamel/QD601 Super Enamel/Iso-Free Finish	40 % UFB	20 % UFB	12 % UFB

Example: If Gloss level of 10% required in Acrylic, add 18grams UFB to every 100grams of Acrylic lacquer.

2. Guide for addition of UFB by weight. **NOTE: Graph attached See page 2.**

Cautions

Addition of large amounts of *Universal Flattening Base* may reduce the opacity and viscosity to unacceptable levels. This is particularly pertinent to paints designed to give very high gloss finishes. If the amount of *Universal Flattening Base* to be added exceeds the amount of thinners to be added care should be exercised. All matting results from an effect on the surface of the paint. Addition of larger amounts of *Universal Flattening Base* will have a negative effect on the durability of the paint. Knocks and scrapes may leave marring and marking in the form of glossy marks in some types of paint. The greater the amount of *Universal Flattening Base* used the greater is the potential for surface marring and reduction of durability. Do not use cutting/polishing compounds on the matt finish.

Clean up: Use *Superglow* multipurpose thinner.

Storage: Store in a cool dry place. Always replace the lid securely after use.

Safety: See material safety data sheet.

Standard Packages and Product Codes

1 litre UFB1

Low and very low gloss paints of all types can be factory made to order. Consult our sales reps. Conditions apply.

The information contained in this bulletin is presented in good faith based on thorough laboratory and field testing but without warranty. As we have no control over the conditions under which these products are used, it is recommended that all products be tested by the end user to ensure the suitability of the product for the particular application and conditions.

