

# ADDENDUM MICHAEL HARDING HANDMADE COLOUR CHART

| SERIES 1                                   | COLOUR INDEX NO          | DRYING    | TRANSPARENCY     | LIGHTFASTNESS | OIL CONTENT | TINT POWER | TOXIC     |
|--|--------------------------|-----------|------------------|---------------|-------------|------------|-----------|
| NO 101 Titanium White No.1 (Safflower Oil) | PW 6, PW 4               | Very slow | Very opaque      | Excellent     | Very Low    | High       | Non-Toxic |
| NO 102 Titanium White No.2 (Linseed Oil)   | PW 6, PW 5               | Average   | Very opaque      | Excellent     | Very Low    | High       | Non-Toxic |
| NO 103 Zinc White                          | PW 4                     | Slow      | Slightly         | Excellent     | Very Low    | Average    | Non-Toxic |
| NO 104 Foundation White                    | PW 6, PW 1               | 2-3 days  | Very opaque      | Excellent     | Very Low    | Average    | Toxic     |
| NO 105 Flake White 2 (Safflower Oil)       | PW 1, PW 4               | Average   | Slightly         | Excellent     | Very Low    | Average    | Toxic     |
| NO 106 Flake White 1 (Linseed Oil)         | PW 1, PW 4               | Average   | Slightly         | Excellent     | Very Low    | Average    | Toxic     |
| NO 107 Crennitz White (Linseed Oil)        | PW 1                     | Average   | Slightly         | Excellent     | Very Low    | Average    | Toxic     |
| NO 108 Lemon Yellow                        | PY 31                    | Slow      | Opaque           | Excellent     | Very Low    | Low        | Toxic     |
| NO 109 Bright Yellow Lake                  | PY 3                     | Slow      | Transparent      | Very Good     | High        | High       | Non-Toxic |
| NO 110 Yellow lake                         | PY 3                     | Slow      | Transparent      | Very Good     | High        | High       | Non-Toxic |
| NO 112 Prussian Blue                       | PB27                     | Very fast | Transparent      | Very Good     | High        | High       | Non-Toxic |
| NO 113 Ultramarine Blue                    | PB29                     | Average   | Transparent      | Excellent     | Average     | Average    | Non-Toxic |
| NO 114 Phthalocyanine Blue & Zinc White    | PB 15.3, PW4             | Average   | Slightly         | Excellent     | Low         | Average    | Non-Toxic |
| NO 115 Terre Verte                         | PG23                     | Fast      | Transparent      | Excellent     | High        | Very Low   | Non-Toxic |
| NO 116 Bright Green Lake                   | PY 74, PG 7              | Average   | Transparent      | Very Good     | High        | High       | Non-Toxic |
| NO 117 Unbleached Titanium Dioxide         | PW6.1                    | Fast      | Opaque           | Excellent     | Low         | High       | Non-Toxic |
| NO 118 Yellow Ochre Deep                   | PY42                     | Very fast | Semi-transparent | Excellent     | Average     | Average    | Non-Toxic |
| NO 119 Yellow Ochre                        | PY42                     | Very fast | Semi-transparent | Excellent     | Average     | Average    | Non-Toxic |
| NO 120 Raw Sienna                          | PB7                      | Very fast | Semi-transparent | Excellent     | Average     | Average    | Non-Toxic |
| NO 121 Raw Umber                           | PB6                      | Very fast | Semi-transparent | Excellent     | Average     | Average    | Non-Toxic |
| NO 122 Venetian Red                        | PR101                    | Very fast | Semi-opaque      | Excellent     | Average     | Low        | Non-Toxic |
| NO 123 Indian Red                          | PR101                    | Very fast | Semi-opaque      | Excellent     | Average     | High       | Non-Toxic |
| NO 124 Red Umber                           | PB6                      | Very fast | Transparent      | Excellent     | Average     | Average    | Non-Toxic |
| NO 125 Burnt Sienna                        | PB 6                     | Very fast | Transparent      | Excellent     | Average     | Average    | Non-Toxic |
| NO 126 Burnt Umber                         | PB6                      | Very fast | Transparent      | Excellent     | Average     | Average    | Non-Toxic |
| NO 127 Paynes Grey                         | PBk9, PB29, PY42         | Average   | Semi-transparent | Excellent     | High        | High       | Non-Toxic |
| NO 128 Lamp Black                          | PBk6                     | Average   | Semi-opaque      | Excellent     | High        | Average    | Non-Toxic |
| NO 129 Ivory Black                         | PBk9                     | Average   | Transparent      | Excellent     | High        | Average    | Non-Toxic |
| NO 130 Titanium White No.3 (Linseed Oil)   | PW 6, PW 5               | Fast      | Very opaque      | Excellent     | Very Low    | High       | Non-Toxic |
| NO 131 Crennitz White No.3 (Linseed Oil)   | PW 1                     | Fast      | Slightly         | Excellent     | Very Low    | Average    | Toxic     |
| <b>SERIES 2</b>                            |                          |           |                  |               |             |            |           |
| NO 201 Crennitz White in Walnut Oil        | PW1                      | Average   | Slightly         | Excellent     | Very Low    | Average    | Toxic     |
| NO 202 Yellow Lake Deep                    | PY 1.1                   | Slow      | Transparent      | Very Good     | High        | Average    | Non-Toxic |
| NO 203 Indian Yellow                       | PY 83                    | Average   | Transparent      | Very Good     | High        | Average    | Non-Toxic |
| NO 204 Indian Yellow Red Shade             | PY 83, PR 101            | Fast      | Transparent      | Very Good     | High        | Average    | Non-Toxic |
| NO 205 Scarlet Lake                        | PR 170                   | Average   | Semi-opaque      | Excellent     | High        | High       | Non-Toxic |
| NO 207 Brilliant Pink                      | PR 209, PW 4, PW 6       | Average   | Opaque           | Excellent     | Low         | Average    | Non-Toxic |
| NO 208 Ultramarine Violet                  | PV 15                    | Average   | Transparent      | Excellent     | Average     | Average    | Non-Toxic |
| NO 209 Phthalocyanine Blue Lake            | PB 15.3                  | Fast      | Transparent      | Excellent     | High        | High       | Non-Toxic |
| NO 210 Phthalocyanine Turquoise            | PB 15.3, PG 7, PW 6, PW4 | Average   | Opaque           | Excellent     | Low         | Average    | Non-Toxic |
| NO 211 Kings Blue Light                    | PB 29, PW 6, PW4         | Average   | Opaque           | Excellent     | Low         | Average    | Non-Toxic |
| NO 212 Kings Blue Deep                     | PB 29, PW 6, PW4         | Average   | Opaque           | Excellent     | Low         | Average    | Non-Toxic |
| NO 213 Phthalocyanine Green Lake           | PG 7                     | Fast      | Transparent      | Excellent     | High        | High       | Non-Toxic |
| NO 214 Phthalocyanine Green Yellow Shade   | PG 36                    | Average   | Transparent      | Excellent     | High        | High       | Non-Toxic |
| NO 215 Permanent Green Light               | PG 36, PW 6, PW4, PY 3   | Average   | Opaque           | Excellent     | Low         | Average    | Non-Toxic |
| NO 216 Emerald Green                       | PG 7, PW 6, PW4, PY 3    | Average   | Opaque           | Excellent     | Low         | Average    | Non-Toxic |
| NO 217 Permanent Sap Green                 | PG 7, PB 6               | Fast      | Semi-opaque      | Excellent     | High        | High       | Non-Toxic |
| NO 218 Naples Yellow                       | PB24                     | Fast      | Opaque           | Excellent     | Low         | Average    | Non-Toxic |
| NO 219 Transparent Oxide Yellow            | PY42                     | Very fast | Transparent      | Excellent     | Average     | Average    | Non-Toxic |
| NO 220 Transparent Oxide Red               | PR101                    | Very fast | Transparent      | Excellent     | Average     | Average    | Non-Toxic |
| NO 221 Crimson Lake                        | PR 149                   | Average   | Transparent      | Excellent     | High        | Average    | Non-Toxic |
| NO 222 Permanent Orange                    | PO 73                    | Average   | Semi-opaque      | Excellent     | High        | High       | Non-Toxic |
| <b>SERIES 3</b>                            |                          |           |                  |               |             |            |           |
| NO 301 Naphthol Red                        | PR 188                   | Average   | Semi-opaque      | Excellent     | High        | High       | Non-Toxic |
| NO 302 Alizarin Crimson                    | PR 83                    | Slow      | Transparent      | Good          | High        | Average    | Non-Toxic |
| NO 303 Magenta                             | PR 122                   | Average   | Transparent      | Excellent     | High        | Average    | Non-Toxic |
| NO 304 Manganese Violet                    | PV 16                    | Average   | Semi-opaque      | Excellent     | Average     | Average    | Non-Toxic |
| NO 305 Oxide of Chromium                   | Pg 17                    | Average   | Opaque           | Excellent     | Low         | Average    | Non-Toxic |
| <b>SERIES 4</b>                            |                          |           |                  |               |             |            |           |
| NO 401 Cadmium Yellow Lemon                | PY 35                    | Fast      | Opaque           | Excellent     | Low         | Average    | Non-Toxic |
| NO 402 Cadmium Yellow                      | PY 35                    | Fast      | Opaque           | Excellent     | Low         | Average    | Non-Toxic |
| NO 403 Cadmium Golden Yellow               | PY 35                    | Fast      | Opaque           | Excellent     | Low         | Average    | Non-Toxic |
| NO 404 Cadmium Yellow Deep                 | PO 20                    | Fast      | Opaque           | Excellent     | Low         | Average    | Non-Toxic |
| NO 405 Viridian                            | PG 18                    | Very fast | Semi-transparent | Excellent     | High        | Average    | Non-Toxic |
| <b>SERIES 5</b>                            |                          |           |                  |               |             |            |           |
| NO 501 Aureolin                            | PY 40                    | Average   | Transparent      | Excellent     | Average     | Average    | Non-Toxic |
| NO 502 Cadmium Orange                      | PO 20                    | Fast      | Opaque           | Excellent     | Low         | Average    | Non-Toxic |
| NO 503 Cadmium Red Light                   | PR108                    | Fast      | Opaque           | Excellent     | Low         | Average    | Non-Toxic |
| NO 504 Cadmium Red                         | PR108                    | Fast      | Opaque           | Excellent     | Low         | Average    | Non-Toxic |
| NO 505 Cadmium Red Deep                    | PR108                    | Fast      | Opaque           | Excellent     | Low         | Average    | Non-Toxic |
| NO 506 Cobalt Blue                         | PB 28                    | Very fast | Semi-opaque      | Excellent     | Low         | Average    | Non-Toxic |
| NO 507 Cobalt Turquoise Deep               | PB 36                    | Fast      | Semi-opaque      | Excellent     | Low         | Average    | Non-Toxic |
| NO 508 Cobalt Green Deep                   | PG 19                    | Average   | Semi-opaque      | Excellent     | Average     | Average    | Non-Toxic |
| NO 509 Genuine Naples Yellow Light         | PY41                     | Very fast | Opaque           | Excellent     | very Low    | Average    | Toxic     |
| NO 510 Genuine Naples Yellow Dark          | PY41                     | Very fast | Opaque           | Excellent     | very Low    | Average    | Toxic     |
| <b>SERIES 6</b>                            |                          |           |                  |               |             |            |           |
| NO 601 Cobalt Violet Light                 | PV 14                    | Fast      | Semi-opaque      | Excellent     | Average     | Average    | Non-Toxic |
| NO 602 Cobalt Violet Dark                  | PV 14                    | Fast      | Semi-opaque      | Excellent     | Average     | Average    | Non-Toxic |
| NO 603 Cerulean Blue                       | PB 36                    | Average   | Opaque           | Excellent     | Low         | Average    | Non-Toxic |
| NO 604 Lapis Lazuli (Chilean)              | PB 29                    | Average   | Semi-transparent | Not tested    | Low         | Average    | Non-Toxic |
| <b>SERIES 7</b>                            |                          |           |                  |               |             |            |           |
| NO 701 Genuine Chinese Vermilion           | PR106                    | Average   | Very opaque      | Excellent     | very Low    | Average    | Toxic     |

## CHEMICAL COMPOSITION

|                               |                                |                                      |  |
|-------------------------------|--------------------------------|--------------------------------------|--|
| PW 1 LEAD CARBONATE           | PY 74 DI-ARYLIMIDE             | PV 14 COBALT PHOSPHATE               | PG 18 HYDRATED CHROMIUM OXIDE            |
| PW 4 ZINC OXIDE               | PY 83 DI-ARYLIMIDE             | PV 15 SYNTHETIC ULTRAMARINE          | PG 19 OXIDES OF CHROMIUM                 |
| PW 6 TITANIUM DIOXIDE         | PO 20 CADMIUM SULPHO-SELENIDE  | PV 16 MANGANESE PHOSPHATE            | PG 23 NATURAL EARTH                      |
| PW 6.1 TITANIUM DIOXIDE       | PR 83 DIHYDROXYANTHRAQUINONE   | PB 15.3 CHLORINATED COPPER           | PG 36 BROMINATED CHLORINATED COPPER      |
| PW 1.1 DI-ARYLIMIDE           | PR 101 SYNTHETIC IRON OXIDE    | PB 27 FERRIC AMMONIUM FERROCYANIDE   | PBR 7 SYNTHETIC IRON OXIDE               |
| PY 3 DI-ARYLIMIDE             | PR 106 MERCURIC SULPHIDE       | PB 28 OXIDES OF COBALT AND ALUMINIUM | PBR 24 TITANIUM ANTIMONIATE CHROME OXIDE |
| PY 31 BARIUM CHROMATE         | PT 108 CADMIUM SULPHO-SELENIDE | PB 29 ALUMINA SILICA SULPHUR         | PBK 6 CARBON                             |
| PY 35 CADMIUM SULPHIDE        | PR 122 QUINACRIDONE            | PB 35 OXIDES OF COBALT               | PBK 9 CARBON                             |
| PY40 COBALT POTASSIUM NITRATE | PR 170 MONOAZO                 | PB 36 COBALT CHROMITE                |  |
| PY 41 LEAD ANTIMONIATE        | PR 188 MONOAZO                 | PG 7 CHLORINATED COPPER              |  |
| PY 42 SYNTHETIC IRON OXIDE    | PR 209 QUINACRIDONE            | PG 17 OXIDES OF CHROMIUM             |  |

If you would like to know more about Michael Harding Oil Colours, please visit our website which contains information on both our range and painting in general. There is a great deal of carefully researched information there, both historical and practical which we hope will help you enjoy still further your passion for oil painting. Please accept our apologies for the printing errors on the original colour chart. In doubt do not hesitate to contact us or to look at the information on the tube label, which is always the correct one. Thank you.

If you would like to try our paint or have any questions you would like to ask Michael, please phone or e-mail using the details below.

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