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Michael Harding Artists Oil Colours

(TNL 771101 - 778127)

**1. Identification of the substance/preparation and of the company/undertaking**

Product name: Michael Harding Artist Oil Colours (All Colours)

Relevant identified uses of the substance or mixture:  
Artist material - Consumer product

Company name: Michael Harding Art Materials Ltd.  
36 Springdale Industrial Estate  
Cwmbran, Gwent  
NP44 -5BD, Wales

Tel: North America: 978-549-4029  
UK/Europe: 44 (0) 1633 - 484-700

Emergency Number: Contact your local Poison Control Centre

**2. Hazards identification**

**2.1. Classification of the substance or mixture**

This product has not been classified as dangerous according to OSHA Hazard Communication Standard (29 CFR 1910.1200)

Classification of the Product:

NFPA Health 0 - No unusual hazard.  
Flammability 1 - Combustible if heated  
Reactivity 0 - Stable

HMIS Health 0 - Minimal Hazard  
Flammability 1 -Slight Hazard  
Physical Hazard 0 - Minimal Hazard

Regulation (EC) No. 1272/2008 Not classified as dangerous for supply/use.

Export and Import of Dangerous Chemicals

Regulation (EC)No. 649/2012 This product and its ingredients are not listed in the Annex I of the regulation.

Directive 67/548/EEC & Directive 1999/45/EC Not classified as dangerous for supply/use.

**2.2. Label elements:**

Conforms to ASTM D-4236

Pictograms No Pictograms are required for the mixture.

Signal word No Signal Word required.

Hazard Statements This product is non-hazardous one, thus no specific hazard warnings are required.

Precaution Statement Avoid contact with eyes.

Children's Statement Not intended for use by children.

### 3. Composition/information on ingredients

#### 3.1. Substances

The various products listed under Section 16 contain non-hazardous natural drying oils, organic and inorganic pigments, additives. These formulations of non hazardous ingredients are proprietary.

#### Risk and Safety Phrases:

Ingredients are marked according to CLP Regulation (CLP-Regulation (EC) No 1272/2008) and according to DSD (Dangerous Substances Directive (67/548/EEC)) and DPD (Dangerous Preparations Directive (1999/45/EC)) and no workplace-related occupational exposure limits are specified for any of the listed ingredients. These ingredients are regarded as trade secrets.

### 4. First aid measures

#### 4.1. Description of first aid measures

|                     |  |
|---------------------|--|
| <u>Inhalation</u>   | Supply fresh air. If required, provide artificial respiration. Consult with a doctor, physician or qualified health professional if symptoms persist. In case of unconsciousness place patient securely in side position for transportation (if needed). |
| <u>Ingestion</u>    | Drink water or milk to dilute. Do not induce vomiting. Contact a physician.  |
| <u>Skin contact</u> | Remove any contaminated clothing. Wash affected area immediately with water and soap and rinse thoroughly.   |
| <u>Eye contact</u>  | Flush area with water, lifting the upper and lower lids until no evidence of product remains. Get medical attention. Do not wear contact lenses while handling.  |

### 5. Fire-fighting measures

#### 5.1. Extinguishing media

Water, foam, carbon dioxide or dry chemical equipment.

#### 5.2. Special hazards arising from the substance or mixture

This product is not known to present any fire hazard.

This product is not known to be combustible, but as a precaution keep product in cool place.

#### 5.3. Advice for fire-fighters

No one other than trained fire fighters should attempt to fight fires.

### 6. Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

No data

#### 6.2. Environmental precautions:

No product should be released to the environment without due care.

#### 6.3. Methods and material for containment and cleaning up

Contain spill. Recover as much as possible with sand, soil or similar product. Place into closed container and store in a safe location to await disposal. Wash the spill area with soap and water

### 7. Handling and storage

#### 7.1. Precautions for safe handling:

Use under ventilated conditions. Avoid eye contact. For personal protection, we recommend that employees wash thoroughly after handling product. Always wash before eating, smoking or using toilet facilities. Keep container closed when not in use.

## 7.2. Conditions for safe storage, including any incompatibilities

Keep the sample in a cool dry ventilated area. Keep away from fire and heating sources.

## 8. Exposure controls/personal protection

### 8.1. Control parameters

Exposure Limits                      None known for the mixture and most of the ingredients.

### 8.2 Exposure controls:

#### Personal protective equipment

Respiratory protection:            Wear approved NIOSH/MSHA respirator if exposure to mist or vapor exceed applicable PEL/TLV limits. Use in accordance with manufacturer's use limitations and OSHA STANDARD 1910-34. Local ventilation may be used to prevent routine inhalation.

Hand protection:                    Wear protective gloves to avoid dust contact

Eye protection:                      Wear goggles where spills or splashing may occur.

Body protection:                    Wear impervious gloves if handling bulk amounts.

## 9 Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|                     |                                   |
|---------------------|-----------------------------------|
| Physical form       | Viscous coloured oil paints       |
| Colour              | See product list in Section 16    |
| Odour               | Slightly aromatic                 |
| pH value:           | 8.5 - 9.2                         |
| Boiling point       | Greater than 100°C/ 212°F         |
| Freezing point:     | Not applicable                    |
| Flash point         | Greater than 230°C/ 446°F         |
| Specific gravity:   | 1.0 - 2.0                         |
| Vapour pressure     | Not applicable                    |
| Vapour Density      | Not applicable                    |
| Solubility in water | Not miscible                      |
| Viscosity:          | Not determined (Viscous material) |

## 10. Stability and reactivity

### 10.1. Reactivity

Not expected to be reactive.

### 10.2. Chemical stability

Stable

### 10.3. Possibility of hazardous reactions

No data

### 10.4. Conditions to avoid

Keep away from heat, sparks and flame.

### 10.5. Incompatible materials

Combustible material (eg. Cotton)

### 10.6. Hazardous decomposition products

No dangerous decomposition products known.

## 11. Toxicological information

|                       |   |
|-----------------------|---|
| <b>Health Effects</b> | Studies have not been performed on this particular mixture. The information below is based on data on the individual ingredients. |
| <b>Oral</b>           | Expected to be greater than 2,000 mg/kg (rats)  |
| <b>Inhalation</b>     | This product poses no inhalation risk.  |
| <b>Dermal</b>         | Not a skin sensitizer.  |
| <b>Eye Effects</b>    | Not an eye corrosive  |

### Additional toxicological information:

When used and handled according to specifications, the product does not have any harmful effects according to the information provided.

## 12. Ecological information

### 12.1 Toxicity

Not expected to be harmful to the environment.

Aquatic toxicity                      No information available

### 12.2. Persistence and degradability

A mixture of biodegradable and non biodegradable ingredients. No other information is available

### 12.3. Bioaccumulative potential

Not expected to bioaccumulate significantly.

### 12.4. Mobility in soil

No information available.

### 12.5 Additional information

No information available.

## 13. Disposal considerations

### 13.1. Waste treatment methods

Dispose of all waste material in accordance with all applicable federal, state and local regulations for the disposal of non hazardous waste.

## 14. Transport information

The following transportation categories do not apply to this mixture sold as a consumer use product (nonbulk)

### DOT Non-Bulk

|                         |                |
|-------------------------|----------------|
| Shipping Name           | Not applicable |
| Technical Shipping Name | Not applicable |
| Hazard Class            | Not applicable |
| UN Number               | Not applicable |
| Packing Group           | Not applicable |

### IMDG

|                         |                |
|-------------------------|----------------|
| Shipping Name           | Not applicable |
| Technical Shipping Name | Not applicable |
| Hazard Class            | Not applicable |
| UN Number               | Not applicable |
| Packing Group           | Not applicable |

EmS Number Not applicable  
Marine Pollutant Not applicable

#### ICAO/IATA

Shipping Name Not applicable  
Technical Shipping Name Not applicable  
Hazard Class Not applicable  
UN Number Not applicable  
Packing Group Not applicable  
Marine Pollutant Not applicable

Michael Harding Art Materials Ltd. are IATA certified through the UK CAA.

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the materials.

### 15. Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Not applicable

##### Section 355

(extremely hazardous substances) Not applicable

##### Section 313

(Specific toxic chemical listing) Not applicable

##### TSCA

(Toxic Substance Control Act) All ingredients are listed.

#### The Safe Drinking Water and Toxic Enforcement Act of 1986 - California Proposition 65

As of June 1, 2015 this product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

**Chemicals known to cause cancer** None of the ingredients are listed as of 6/1/15.

##### Chemicals known to cause reproductive toxicity for females

None of the ingredients are listed as of 6/1/15.

##### Chemicals known to cause reproductive toxicity for males

None of the ingredients are listed as of 6/1/15.

##### Chemicals known to cause developmental toxicity

None of the ingredients are listed as of 6/1/15.

#### Carcinogenicity categories

##### EPA (Environmental Protection Agency)

Not applicable to this mixture.

##### TLV (Threshold Limit Value established by ACGIH)

Not applicable to this mixture.

##### MAK (German Maximum Workplace Concentration)

Not applicable to this mixture.

##### NOISH-Ca (National Institute for Occupational Safety & Health)

Not applicable to this mixture.

##### OSHA-Ca (Occupational Safety & Health Administration)

Not applicable to this mixture.

**16. Other information**

| Product Number and Colour Name        | Pigment Identification                                  |
|---------------------------------------|---|
| 103 Zinc White                        | PW 4 Zinc Oxide   |
| 109 Bright Yellow Lake                | PY 3 Di-arylimide                                       |
| 110 Yellow Lake                       | PY 74 Di-arylimide                                      |
| 112 Prussian Blue                     | PB 27 Ferric-Ammonium Ferrocyanide                      |
| 113 Ultramarine Blue                  | PB 29 Silicate of Sodium, Aluminium and Sulphur         |
| 114 Phthalocyanine Blue & Zinc White  | PB 15.3 Chlorinated Copper and PW 4 Zinc White          |
| 116 Bright Green Lake                 | PY 74 Di-arylimide & PG 7                               |
| 118 Yellow Ochre Deep                 | PY 43 Sythetic Iron Oxide                               |
| 119 Yellow Ochre                      | PY 42 Sythetic Iron Oxide                               |
| 120 Raw Sienna                        | PBr 7 Natural Earth                                     |
| 121 Raw Umber                         | PBr 6 Sythetic Iron Oxide                               |
| 122 Venetian Red                      | PR 101 Sythetic Iron Oxide                              |
| 123 Indian Red                        | PR 101 Sythetic Iron Oxide                              |
| 124 Red Umber                         | PBr 6 Sythetic Iron Oxide                               |
| 125 Burnt Sienna                      | PBr 7 Iron Oxide  |
| 126 Burnt Umber                       | PBr 6 Sythetic Iron Oxide                               |
| 132 Italian Green Umber               | PBr 7 Natural Earth                                     |
| 133 French Yellow Ochre               | PY 43   |
| 134 Vandyke Brown                     | PBr 7 Natural Earth                                     |
| 135 Vine Black                        | PBk 11  |
| 202 Yellow Lake Deep                  | PY 1.1 Di-arylimide                                     |
| 203 Indian Yellow                     | PY 83 Di-arylimide                                      |
| 204 Indian Yellow Red Shade           | PY 83 Di-arylimide & PR 101 Iron Oxide                  |
| 205 Scarlet Lake                      | PR 170 Naphthol Azo                                     |
| 207 Brilliant Pink                    | PR 209 & PW 4 & 6 Quinacridone & Zinc & Titanium Whites |
| 209 Phthalocyanine Blue Lake          | PB 15.3 Chlorinated Copper                              |
| 213 Phthalocyanine Green Lake         | PG 7 Chlorinated Copper                                 |
| 214 Phthalocyanine Green Yellow Shade | PG 36 Brominated Chlorinated Copper                     |
| 217 Permanent Sap Green               | PG 7 Chlorinated Copper & PBr 6 Iron Oxide              |
| 219 Transparent Oxide Yellow          | PY 42 Synthetic Iron Oxide                              |
| 220 Transparent Oxide Red             | PR 101 Synthetic Iron Oxide                             |
| 222 Permanent Orange                  | PO 73 Pyrrol  |
| 223 Italian Brown Ochre               | PY 42 Synthetic Iron Oxide                              |
| 224 Transparent Oxide Brown           | PR 101 Synthetic Iron Oxide                             |
| 301 Naphthol Red                      | PR 188 Naphthol Azo                                     |
| 302 Alizarin Crimson                  | PR 83 Dihydroxyanthraquinone                            |
| 303 Magenta                           | PR 122 Quinacridone                                     |
| 304 Manganese Violet                  | PV 16 Manganese Ammonium Pyrophosphate                  |
| 305 Oxide of Chromium                 | PG 17 Oxides of Chromium                                |
| 310 Alizarin Claret                   | PR 177  |

|                         |  |
|-------------------------|--|
| 406 Crimson Lake        | PR 149 Perylene                            |
| 511 Viridian            | PG 18 Chlorinated Oxide of Chromium        |
| 515 Rose Madder         | NR 9                                       |
| 228 Indigo              | PB15:3 Phthalo Blue, Lamp Black, PG7, PV19 |
| 229 Caribbean Turquoise | PB15:3 Phthalo Blue, PG7, PY74             |

Supersedes MSDS 1-Jun-15

Reason for Issue: Updated Colour List

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