



**SAFETY DATA SHEET**  
**MICHAEL HARDING ARTIST OIL COLORS**  
**NON HAZARDOUS COLORS**

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March 31, 2017  
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**1. Identification of the Preparation and of The Company**

Product Name and/or code:	MICHAEL HARDING ARTIST OIL COLORS - NON HAZARDOUS COLORS
Effective Date:	31-Mar-17
Manufacturer:	Michael Harding Art Materials Ltd. Unit K Springvale Industrial Estate Cwmbran, Wales NP44 5BE
Information Contact:	North America: 978-549-4029; UK/Europe: 44 (0) 1633 - 484-700
Emergency Contact:	Contact your local Poison Control Center
Product Use:	ART MATERIAL - Consumer Product

**2. Hazards Identification**

Information pertaining to particular dangers for man and environment.	This product has not been classified as dangerous according to OSHA Hazard Communication Standard (29 CFR 1910.1200)
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Emergency Overview

This product is not intended for use by children.

**Label Elements**

Pictograms	Conforms to ASTM D-4236 No Pictograms are required for the mixture.
Signal Word	<b>No Signal Word required.</b>
Hazard Statement	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.
<i>Classification of the Product:</i>	
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.

**3. Composition/Information on Ingredients:**

**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.



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*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**

Inhalation	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).
Skin Contact	Remove any contaminated clothing. Wash affected area immediately with water and soap and rinse thoroughly.
Eye Contact	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.
Ingestion	Drink water or milk to dilute. Do not induce vomiting. Contact a physician.

**5. Firefighting Measures**

Extinguishing Media	Water, foam, carbon dioxide or dry chemical equipment.
Fire/Explosion Hazards	This product is not known to present any fire hazard.
Flashpoint/Flammability	This product is not known to be combustible, but as a precaution keep product in cool place.

**6. Accidental Release Measures**

Environmental precautions	No product should be released to the environment without due care.
Methods and Materials 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**

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

**8. Exposure Controls/Personal Protection**

Personal Protective Equipment	Wear safety goggles and protective gloves to avoid dust contact.
Exposure Limits	None known for the mixture and most of the ingredients.



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Respiratory and Ventilation

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.

Skin Protection

Wear impervious gloves if handling bulk amounts.

Eye Protection

Wear goggles where spills or splashing may occur.

### 9. Physical and Chemical Properties

Appearance	Viscous colored oil paints
Physical State	Solid - Paste
Color	See product list in Section 16
Odor	Slightly aromatic.
Boiling Point	Greater than 100°C/ 212°F Greater than 100°C/ 212°F Greater
Freezing Point	Not applicable
State (pH)	8.5 - 9.2
Specific Gravity	1.0 - 2.0
Viscosity	Not determined (Viscous material)
Flashpoint	Greater than 230°C/ 446°F
Vapor Pressure	Not applicable
Vapor Density	Not applicable
Solubility in water	Not miscible

### 10. Stability and Reactivity

Reactivity:	Not expected to be reactive.
Chemical Stability	Stable
Conditions to Avoid	Keep away from heat, sparks and flame.
Incompatible materials	Combustible material (eg. Cotton)
Hazardous Decomposition Products	No dangerous decomposition products known.

### 11. Toxicological Information

Health Effects	Studies have not been performed on this particular mixture. The information below is based on data on the individual ingredients.
Oral	Expected to be greater than 2,000 mg/kg (rats)
Inhalation	This product poses no inhalation risk.
Dermal	Not a skin sensitizer.
Eye Effects	Not an eye corrosive
<u>Additional toxicological information:</u>	When used and handled according to specifications, the product does not have any harmful effects according to the information provided.

### 12. Ecological Information

Toxicity:	Not expected to be harmful to the environment.
Aquatic toxicity	No information available.
Persistence and degradability	A mixture of biodegradable and non biodegradable ingredients. No other information is available.
Bio accumulative potential	Not expected to bioaccumulate significantly.



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Mobility in soil No information available.  
Additional ecological information No information available.

#### 13. Disposal Considerations

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 (non-bulk).

##### 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

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.
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*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)

Not applicable to this mixture.

**16. Other Information**

<u>Product Number and Color Name</u>	<u>Pigment Identification</u>
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



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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
137 WARM WHITE/ LEAD WHITE ALTERNATIVE	PY 118, PY110
226 WARM LIGHT YELLOW	PY 110
227 PALE VIOLET	PV 23
310 ALIZARIN CLARET	PR 177
311 QUINACRIDONE ROSE	PV 19
312 DEEP PURPLE	PV 23
410 GREEN GOLD	PV 129

Supersedes MSDS  
Reason for Issue:  
Prepared by:

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GHS Format  
Rudolph J. Jaeger, Ph.D., DABT, ERT (UK)  
Chief Toxicologist and President  
ENVIRONMENTAL MEDICINE, INC.  
263 CENTER AVENUE  
WESTWOOD, NJ 07675  
jaegerr@envmed.com  
201-666-7929 x13



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