SAFETY DATA SHEET
Utrecht Pure Artists’ Pigment Colors

Section 1 – Company and Product Identification

Product Name: Utrecht Pure Artists’ Dry Pigment Colors
Synonyms: Oil Paints

Product Line: Utrecht Pure Artists’ Dry Pigment Colors
See Appendix A for these pigments and their associated pigments (Color Index).

Company: Utrecht Manufacturing, LLC, 33 35th Street, Brooklyn, NY 11232
Phone: 800-223-9132

Section 2 – Hazard Identification (composition / information on ingredients)

OSHA GHS Classification (29 CFR 1910.1200 Hazard Communication Standards)

Signal Word - Warning

Hazard Statements - May be harmful if swallowed.

Hazard Categories – Not determined

Precautionary Statements – Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid breathing dust, spray, mist, or vapors. Use in a well-ventilated area. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

Storage and Disposal – See Section 7 and 13.

Other Hazards – See Section 11 and 12.
Toxicity associated with pigments - Pigment identity is noted in Appendix A. Pigments based on compounds Known to the State of California to Cause Cancer or Reproductive Toxicity under PROP 65 are noted in Appendix B.

The Consumer Product Safety Commission (CPSC) mandates the Labeling of Hazardous Art Materials Act (LHAMA) that all warnings & precautions are on the product labels if applicable.

Section 3 – Hazardous Component Information (hazard identification)

Appendix A lists Utrecht Pure Artists’ Dry Pigment Colors. Pigments composed of cadmium compounds should not be inhaled; thus, the guidance “Wear respiratory protection when handling.”

Cadmium has the following regulatory exposure limits:
   Occupational Inhalation Exposure, OSHA\(^2\)
   \(5 \mu g/m^3\) PEL (permissible exposure limit)

Water Consumption, EPA\(^3\)
   \(Standard\)
   0.005 mg/L

   \(Health Advisories\)
   0.04 mg/L 1-day exposure for 10 kg child
   0.02 mg/L Drinking Water Equivalent Level (DWEL)
   0.005 mg/L Lifetime

Oral Exposure, EPA\(^3\)
   \(Reference Dose\)
   0.0005 mg/kg/day

Section 4 – First Aid Measures

For overexposure due to accidental ingestion or inhalation, seek medical attention. Adverse effects from incidental skin exposure are not expected.

Inhalation  If person inhales dry pigment particles remove person to fresh air. Seek medical help.
Ingestion   Treat symptomatically; do not induce vomiting; seek medical help.

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1 The Safe Drinking Water and Toxic Enforcement Act of 1986
Skin Contact  Wash skin with soap and water.
Eye Contact  Flush eyes for up to 15 minutes with water; if irritation persists, seek medical help.

**Section 5 – Fire Fighting Measures**

Utrecht Pure Artists’ Dry Pigments generally are not combustible.

- **Flash point, °C:** NA
- **Auto-ignition Temperature:** NA
- **Lower explosive limit:** NA
- **Upper explosive limit:** NA
- **Extinguishing media:** Carbon dioxide, foam, dry chemical

**Section 6 – Accidental Release Measures**

**Spill Procedure:** Contain spillage; use dustless methods for cleanup.

**Section 7 – Handling and Storage**

Work with these dry pigments only where air currents are minimal; that is, away from air conditioners, air vents or other apparatus that generates air movement.

Wear respiratory protection when handling, (particularly for cadmium based pigments).

Store at room temperature.
Do not contaminate food products.
Wash hands with soap and water after use.
Avoid eye contact.

**Section 8 – Exposure Control/Personal Protection**

When handling Utrecht Pure Artists’ Dry Pigment Colors wear respiratory protection to minimize lung exposure (e.g., particulate filter conforming to NIOSH N95 standards). Disposable gloves are recommended to minimize skin contact. Wash hands to remove skin exposure, should it occur.
Section 9 – Physical and Chemical Properties

Utrecht Pure Artists’ Dry Pigment Colors are composed of compounds listed in Appendix A.

Section 10 – Stability and Reactivity

Utrecht Pure Artists’ Dry Pigment Colors are considered stable and non-reactive.

Section 11 – Toxicology Information

Utrecht Pure Artists’ Dry Pigment Colors generally have low toxicity when handling precautions are observed. Some pigments have a risk of adverse effects with excessive inhalation exposure (see Appendix B).

**Toxicity associated with specific heavy metal based pigments**

**Cadmium:**
- Prop 65-cancer listing (10/1/87)
- Prop 65-developmental toxicity listing, male (5/1/97)
- May cause lung, kidney, and liver damage

**Cobalt:**
- Prop 65-cancer listing (7/1/92; cobalt [II] oxide)

Section 12 – Ecological Information

Toxicity to animals, fish and insects is not available.
Data on persistence, bioaccumulation potential and mobility in soil are not available.

Section 13 – Disposal Considerations

Under typical use situations, pigments should be used up rather than disposed.

Section 14 – Transport Information

Title 49CFR governs restrictions for shipping hazardous materials. Generally, pigments may be shipped without restrictions. When traveling by air, ensure that all pigments are securely packaged to prevent accidental spillage.

Section 15 – Regulatory Information

The U.S. Consumer Product Safety Commission (CPSC) is an independent regulatory
agency charged with protecting the public from unreasonable risks of injury or death associated with consumer products. The CPSC requires labeling of art materials that have the potential to cause adverse chronic health effects under the Federal Hazardous Substances Act (FHSA). Specifically, an amendment to the FHSA, the Labeling of Hazardous Art Materials Act (Public Law 100-695) or “LHAMA” made mandatory many of the requirements of the labeling of art materials as set forth in the ASTM International (ASTM) standard designated D-4236-88 [U.S.C. 1277]. ASTM D-4236 outlines procedures for developing precautionary labels for art materials that have the potential to produce chronic adverse health effects [16 CFR §1500.14(b)(8)(i)].

Product labeling conforms to ASTM 4236.

Section 16 – Other Information

SDS prepared by Elliot Gordon, PhD, DABT, Elliot Gordon Consulting, LLC, 55 Lillie Street, Princeton Junction, NJ 08550 (609-936-1977; SoundScience@comcast.net).

Date of revision: April 9, 2015.
Appendix A: Utrecht Dry Pigments – Identity and Color Index

All colors conform to ASTM D4236 and ASTM D4302.⁴

<table>
<thead>
<tr>
<th>Product</th>
<th>Item Number</th>
<th>Size</th>
<th>Color Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Burnt sienna</td>
<td>20849</td>
<td>4 oz.</td>
<td>PBr7</td>
</tr>
<tr>
<td>Burnt umber</td>
<td>20848</td>
<td>4 oz.</td>
<td>PBr7</td>
</tr>
<tr>
<td>Cadmium orange pure</td>
<td>20845</td>
<td>4 oz.</td>
<td>PO20</td>
</tr>
<tr>
<td>Cadmium red medium pure</td>
<td>20843</td>
<td>4 oz.</td>
<td>PR108</td>
</tr>
<tr>
<td>Cadmium yellow lemon pure</td>
<td>20846</td>
<td>4 oz.</td>
<td>PY37</td>
</tr>
<tr>
<td>Cerulean blue pure</td>
<td>20850</td>
<td>4 oz.</td>
<td>PB35</td>
</tr>
<tr>
<td>Cobalt blue pure</td>
<td>20841</td>
<td>4 oz.</td>
<td>PB28</td>
</tr>
<tr>
<td>Ivory black</td>
<td>20851</td>
<td>4 oz.</td>
<td>PBk6</td>
</tr>
<tr>
<td>Quinacridone red</td>
<td>20856</td>
<td>4 oz.</td>
<td>PV19</td>
</tr>
<tr>
<td>Raw sienna</td>
<td>20847</td>
<td>4 oz.</td>
<td>PBr7</td>
</tr>
<tr>
<td>Titanium white</td>
<td>20844</td>
<td>4 oz.</td>
<td>PW6</td>
</tr>
<tr>
<td>Ultramarine blue</td>
<td>20842</td>
<td>4 oz.</td>
<td>PB29</td>
</tr>
</tbody>
</table>

Composition of Pigments

<table>
<thead>
<tr>
<th>Color Index</th>
<th>Pigment</th>
<th>CAS</th>
</tr>
</thead>
<tbody>
<tr>
<td>PB28</td>
<td>Cobalt Aluminate</td>
<td>1333-88-6; 1345-16-0</td>
</tr>
<tr>
<td>PB29</td>
<td>Sodium Alumino Sulpho Silicate</td>
<td>1317-97-1; 57455-37-5</td>
</tr>
<tr>
<td>PB35</td>
<td>Cobalt Stannate</td>
<td>1345-19-3; 68187-05-3; 83712-59-8</td>
</tr>
<tr>
<td>PBk6</td>
<td>Carbon Black</td>
<td>1333-86-4</td>
</tr>
<tr>
<td>PBr7</td>
<td>Brown Iron Oxide</td>
<td>12713-03-0</td>
</tr>
<tr>
<td>PO20</td>
<td>Cadmium Selenosulphide</td>
<td>12656-57-4</td>
</tr>
<tr>
<td>PR102</td>
<td>Anhydrous Iron(III)-Oxide</td>
<td>1309-37-1</td>
</tr>
<tr>
<td>PR108</td>
<td>Cadmium Red</td>
<td>58339-34-7</td>
</tr>
<tr>
<td>PV19</td>
<td>Quinacridone red</td>
<td>1047-16-1</td>
</tr>
<tr>
<td>PW6</td>
<td>Titanium Dioxide</td>
<td>13463-67-7</td>
</tr>
</tbody>
</table>

⁴ ASTM Headquarters, 100 Barr Harbor Drive, PO Box C700, West Conshohocken, PA 19428-2959
Appendix B Pigments listed under California’s PROP 65
(Chemicals Known to the State of California to Cause Cancer or Reproductive Toxicity)

Titanium Dioxide\(^5\)
Color Index: PW6
*Label warning:* WARNING: DO NOT SPRAY APPLY This product contains titanium dioxide, a chemical known to the State of California to cause cancer.

*Products:*
Titanium white

Cadmium Compounds\(^6\)
Color Index: PO20, PR108, PB35
*Label warning:* WARNING: DO NOT SPRAY APPLY This product contains cadmium, a chemical known to the State of California to cause cancer by means of inhalation.

*Products:*
Cadmium orange pure
Cadmium red medium pure
Cadmium yellow lemon pure

Cobalt Compounds\(^7\)
Color Index: PB28, PB35
*Label warning:* WARNING: DO NOT SPRAY APPLY This product contains cadmium, a chemical known to the State of California to cause cancer.

*Products:*
Cobalt blue pure
Cerulean blue pure

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\(^6\) Cadmium listed 5/1/1997 for male developmental effects, CAS not listed. Cadmium and cadmium compounds listed 10/1/1997 for cancer.