

**MATERIAL SAFETY DATA SHEET**

Tri-Art Manufacturing Incorporated  
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**SECTION # 1: PRODUCT IDENTIFICATION**

**Product Identifier:** Tri-Art Finest Quality Artist Acrylic Color & Mediums/Glass Paint/ Techstyle Paint (High Viscosity, Liquid, Acrylic Mediums)  
**Product Use:** Artists Paint  
**Whmis Classification:** Not Controlled.  
**MSDS Preparation Date:** October 5th , 2011

**SECTION 2: HAZARDS IDENTIFICATION****Potential Acute Health****Inhalation**

Pigment powders in this paint are not in the form of respirable dusts, hence they do not pose the hazards associated with the inhalation of fine mineral particles. Sanding of dried paint surfaces may result in these pigments becoming airborne and causing respiratory irritation. Under spray painting conditions, exposure may cause respiratory irritation. **For paints containing Nickel Compounds it is advisable not to spray apply. Spray may be harmful if inhaled. Over exposure may cause irritation and harm to the respiratory tract. Nickel compounds may pose a cancer hazard.**

**Eye Contact** Prolonged or repeated contact may result in eye irritation.

**Skin Contact** Prolonged or repeated contact may result in skin irritation.

**Ingestion** May cause irritation to the gastrointestinal system.

**Additional Exposure Information** Existing skin, eye, or respiratory conditions may be aggravated by exposure.

**Potential Chronic Health Effects** Additional information see toxicological information (Section 11).

**Additional Exposure Information** Existing skin, eye, or respiratory conditions may be aggravated by exposure. Prolonged exposure to topcoat may result in reproductive hazard.

**SECTION 3: COMPOSITIONS DATA**

All Tri-Art Paints, & Mediums, contain ingredients found in the Whmis Ingredient Disclosure List:

INGREDIENTS	%Wt/Wt	C.A.S.#	TLV	LD50 (g/KG)
Propylene Glycol	1.0 - 12.5	57-55-56	NA	20 (RAT)
Texanol	1.0 - 2.0	25265-77-4	NA	< 3.2 (RAT)

In addition, some paints contain product specific compounds that have been identified in the Ingredient Disclosure List:

Products/ Ingredients	%Wt/Wt	C.A.S.#	TLV	LD50 (g/KG)
<b>Bismuth Yellow (All)</b>				
Alkylaryl Polyether	1.5 - 2.0	60864-33-7	NA	NA
Calcium Molybdate	2.0 - 4.5	7789-82-4	NA	NA
<b>Carbon Black</b>				
Carbon Black	4.0 - 6.0	1333-86-4	NA	NA
<b>Chrome Green</b>				
Alkylaryl Polyether	1.0 - 1.5	60864-33-7	NA	NA
Chrome (III) Oxide	25.0 - 35.0	1308-38-9	1 mg/m3	5
<b>Cobalt Blue</b>				
Alkylaryl Polyether	2.0 - 3.0	60864-33-7	NA	NA
CI Pigment Blue 28	20 - 30	1345-16-0	NA	NA
<b>Cobalt Green</b>				
Alkylaryl Polyether	2.0 - 3.0	60864-33-7	NA	NA
CI Pigment Green 26	20 - 30	68187-49-5	NA	NA
<b>Cobalt Teal</b>				
Alkylaryl Polyether	2.0 - 3.0	60864-33-7	NA	NA
CI Pigment Green 50	20 - 30	68186-85-6	NA	NA
<b>Burnt Sienna</b>				
Ferric Oxide	5.0 - 7.0	1309-37-1	10 mg/m3	10 (Rat)
<b>Cadmium Orange</b>				
C.I. Pigment Orange 20	25 - 30	58339-34-7	NA	NA

**SECTION 3: COMPOSITIONS DATA (cont'd)**

Products/ Ingredients	%Wt/Wt	C.A.S.#	TLV	LD50 (g/KG)
<b>Cadmium Reds</b>				
C.I. Pigment Red 108	25 - 30	58339-34-7	NA	NA
<b>Cadmium Yellows</b>				
C.I. Pigment Yellow 35	20 - 25	8048-07-5	NA	NA
<b>Mars Black</b>				
Ferric Oxide	20 - 25	1309-37-1	10 mg/m3	10 (Rat)
Alkylaryl Polyether	1.5 - 2.0	60864-33-7	NA	NA
<b>Naples Yellow</b>				
Ferric Oxide	20 - 25	1309-37-1	10 mg/m3	10 (Rat)
<b>Nickel Azo Yellow</b>				
C.I. Pigment Yellow 150	10 - 25	68511-62-6	NA	NA
<b>Paynes Grey</b>				
Carbon Black	1.0 - 2.0	1333-86-4	NA	NA
<b>Raw Sienna</b>				
Ferric Oxide	12 - 20	1309-37-1	10 mg/m3	10 (Rat)

**Umbers (Burnt and Raw)**

Ferric Oxide	10 - 15	1309-37-1	10 ppm	10 (Rat)
Manganite (Mn <sub>2</sub> O <sub>3</sub> )	1.5% Max.	1317-34-6	5 mg/m <sup>3</sup>	NA
Silica, Crystalline	1.0% Max	14808-60-7	0.1 mg/m <sup>3</sup>	NA

**Red Oxide**

Ferric Oxide	25 - 30	1309-37-1	10 ppm	10 (Rat)
Alkylaryl Polyether	1.5 - 2.0	60864-33-7	NA	NA

**Titanium White**

Alkylaryl Polyether	2.0 - 4.0	60864-33-7	NA	NA
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**Transparent Gold Oxide**

Ferric Oxide	8 - 12	1309-37-1	10 ppm	10 (Rat)
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**Yellow Oxide**

Ferric Oxide	18 - 22	1309-37-1	10 ppm	10 (Rat)
Alkylaryl Polyether	1.5 - 2.0	60864-33-7	NA	NA

**Unbleached Titanium**

Alkylaryl Polyether	2.0 - 2.5	60864-33-7	NA	NA
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**SECTION 3: COMPOSITIONS DATA****Interference Colours**

Mica	7.0 - 9.0	12001-26-2	5 mg/m <sup>3</sup>	5 (RAT)
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**Iridescent Bronze, Pale Gold, Pearl**

Mica	7.0 - 9.0	12001-26-2	5 mg/m <sup>3</sup>	5 (RAT)
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**Iridescent Copper, Deep Gold**

Mica	7.0 - 9.0	12001-26-2	5 mg/m <sup>3</sup>	5 (RAT)
Ferric Oxide	3.5 - 6.5	1309-37-1	10 ppm	10 (Rat)

**Iridescent Silver**

Mica	7.0 - 9.0	12001-26-2	5 mg/m <sup>3</sup>	5 (RAT)
Molybdenum Disulfide	1.0 % Max.		NA	NA

**Topcoats (All)**

Dipropylene Glycol				
Monobutyl Ether	2.5% Max.	35884-42-5	NA	NA
1-methyl-2-pyrrolidinone	3.0 - 9.0	872-50-4	NA	NA

NOTES: NA = NOT AVAILABLE

**SECTION 4: FIRST AID PROCEDURES**

<b>Eye Contact:</b>	Flush with clean water for a minimum of 15 minutes. See a physician after flushing eyes.
<b>Skin Contact:</b>	Flush with plenty of water. If irritation develops see a physician.
<b>Inhalation:</b>	If inhaled move to fresh air and call a physician.
<b>Ingestion:</b>	May cause abdominal pain. Do not induce vomiting. Product is not considered toxic in small amounts. Call a physician. Ingestion of large amounts may require medical attention.

**SECTION 5: FIRE AND EXPLOSION HAZARD DATA**

**Flammability Classification:** Not Applicable  
**Flash Point:** Not Combustible  
**Flammable Limits (% vol. in air):** LEL: N. App. UEL: N. App.  
**Extinguishing Media:** Not Applicable.

**Special Fire Fighting Procedures:** Material in paint can splatter above 100C. Dried paint film can burn. If this should occur use carbon dioxide, foam, dry chemical or water to extinguish. Wear full-body protective clothing and self-contained breathing apparatus. Do not direct extinguishing media directly into center of burning pools.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Spill/ Leak Procedure:** Contain spilled paint and clean up. Avoid excessive inhalation and skin contact.

**SECTION 7: HANDLING AND STORAGE PRECAUTIONS**

**Storage of Paint:** Keep from freezing. Keep containers closed.  
Keep jar or cylinder tightly closed.

**SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION****General Protective and Hygiene Measures**

Do not eat, drink, smoke or sniff while working. Wash hands before breaks and at the end of work.

**Respiratory Protection**

If spray painting or sanding, wear appropriate government approved mask. Ensure room as adequate ventilation. **For paints containing Nickel Compounds it is advisable not to spray apply. Spray may be harmful if inhaled. Over exposure may cause irritation and harm to the respiratory tract. Nickel compounds may pose a cancer hazard.**

**Ventilation**

For professional (daily) use adequate ventilation is recommended, (i.e. window fan).

**Eye Protection**

Wear safety glasses (with side shields) or goggles.

**Skin Protection**

Gloves that do not absorb liquids( i.e. rubber or latex) are recommended.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****General Information**

**Form:** Liquid or Paste  
**Colour:** White or Colored Paste; White or Colored Liquid  
**Odour:** Very Mild Ammonia Odour

**Change in Condition**

**Melting Point** Undetermined

Boiling Point	100 - 130 Deg. C
Flash Point	Not Applicable
Auto Ignition	Product is not self-igniting
Danger of Explosion	Product does not present an explosion hazard
Specific Gravity: 1.0 - 1.7	(Water = 1.0)
Solubility in Water:	Dilutable

**SECTION 10: STABILITY AND REACTIVITY DATA**

<b>Stability:</b>	Stable
<b>Incompatibility</b>	Maintain storage between 0 and 30 °C. Avoid strong oxidizing and reducing agents; strong acids and bases. Keep product away from open flame.
<b>Conditions to Avoid</b>	Keep product from freezing or excessive heat.
<b>Hazardous Decomposition Products</b>	Low molecular weight hydrocarbons, CO, CO <sub>2</sub> , NO <sub>x</sub> , trace HCl and H <sub>2</sub> S (with Ultramarine Blue). All are toxic.

**SECTION 11: TOXICOLOGICAL INFORMATION****Chronic Effects on Humans**

<b>Carcinogenic Effects</b>	See Section 15.
<b>Mutagenic Effects</b>	See Section 15.
<b>Teratogenic Effects</b>	See Section 15.
<b>Developmental Toxicity</b>	See Section 15.

**Acute Effects on Humans** May cause skin, eye and respiratory irritation.

For paints containing Nickel Compounds it is advisable not to spray apply. Spray may be harmful if inhaled. Over exposure may cause irritation and harm to the respiratory tract. Nickel compounds may pose a cancer hazard.

Prolonged exposure to topcoat may result in reproductive hazard.

**SECTION 12: ECOLOGICAL INFORMATION**

**General Notes** Information regarding the ecological impact of this product is not known at this time.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**Paint Disposal:** Dispose of paint soaked rags and empty containers in accordance with regulatory laws.

**SECTION 14: TRANSPORT INFORMATION**

DOT Regulations	Hazard Class - No Hazard Class
Land Transport TDG	TDG Class - No TDG Class

**SECTION 15: Regulations**

- WHMIS** Not Controlled.
- ASTM D4236** All Tri-Art paints conform to ASTM D-4236. For additional health information in the U.S. call the National Poison Control Center at 1-800-222-1222. In Canada call Poison Information at 1-800-268-9017 or 1-877-2233(TTY).
- Proposition 65**
- Paints Containing Cadmium** Contains Insoluble Cadmium Pigments.  
WARNING! This chemical is known to the state of California to cause cancer.
- Paints Containing Cobalt** Contains cobalt spinel compounds.
- Paints Containing Nickel** Contains Nickel Compounds  
WARNING! This chemical is known to the state of California to cause cancer.
- Topcoats** Contains Dipropylene Glycol Monobutyl ether and 1-methyl-2-pyrrolidinone.  
WARNING! This product contains a chemical known to the state of California to cause birth defects or other reproductive harm.

**SECTION 16: OTHER INFORMATION**

While Tri-Art Mfg. Inc. has prepared this MSDS from a knowledge of the products' components and from supplier information, there is no warranty with respect to the accuracy of this data. We assume no legal responsibility. All data is offered for your consideration, investigation and verification.