

MATERIAL SAFETY DATA SHEET

Tri-Art Manufacturing Incorporated
 4 Harvey Street
 Kingston, Ontario
 K7K 5B9
 Phone (613) 541-0299 Fax (613) 541-1765

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)
Bismuth Yellow (All)				
Alkylaryl Polyether	1.5 - 2.0	60864-33-7	NA	NA
Calcium Molybdate	2.0 - 4.5	7789-82-4	NA	NA
Carbon Black				
Carbon Black	4.0 - 6.0	1333-86-4	NA	NA
Chrome Green				
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
Cobalt Blue				
Alkylaryl Polyether	2.0 - 3.0	60864-33-7	NA	NA
CI Pigment Blue 28	20 - 30	1345-16-0	NA	NA
Cobalt Green				
Alkylaryl Polyether	2.0 - 3.0	60864-33-7	NA	NA
CI Pigment Green 26	20 - 30	68187-49-5	NA	NA
Cobalt Teal				
Alkylaryl Polyether	2.0 - 3.0	60864-33-7	NA	NA
CI Pigment Green 50	20 - 30	68186-85-6	NA	NA
Burnt Sienna				
Ferric Oxide	5.0 - 7.0	1309-37-1	10 mg/m3	10 (Rat)
Cadmium Orange				
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)
Cadmium Reds				
C.I. Pigment Red 108	25 - 30	58339-34-7	NA	NA
Cadmium Yellows				
C.I. Pigment Yellow 35	20 - 25	8048-07-5	NA	NA
Mars Black				
Ferric Oxide	20 - 25	1309-37-1	10 mg/m3	10 (Rat)
Alkylaryl Polyether	1.5 - 2.0	60864-33-7	NA	NA
Naples Yellow				
Ferric Oxide	20 - 25	1309-37-1	10 mg/m3	10 (Rat)
Nickel Azo Yellow				
C.I. Pigment Yellow 150	10 - 25	68511-62-6	NA	NA
Paynes Grey				
Carbon Black	1.0 - 2.0	1333-86-4	NA	NA
Raw Sienna				
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 ₂ O ₃)	1.5% Max.	1317-34-6	5 mg/m ³	NA
Silica, Crystalline	1.0% Max	14808-60-7	0.1 mg/m ³	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
---------------------	-----------	------------	----	----

Transparent Gold Oxide

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

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
---------------------	-----------	------------	----	----

SECTION 3: COMPOSITIONS DATA**Interference Colours**

Mica	7.0 - 9.0	12001-26-2	5 mg/m ³	5 (RAT)
------	-----------	------------	---------------------	---------

Iridescent Bronze, Pale Gold, Pearl

Mica	7.0 - 9.0	12001-26-2	5 mg/m ³	5 (RAT)
------	-----------	------------	---------------------	---------

Iridescent Copper, Deep Gold

Mica	7.0 - 9.0	12001-26-2	5 mg/m ³	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 ³	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

Eye Contact:	Flush with clean water for a minimum of 15 minutes. See a physician after flushing eyes.
Skin Contact:	Flush with plenty of water. If irritation develops see a physician.
Inhalation:	If inhaled move to fresh air and call a physician.
Ingestion:	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

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

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

Carcinogenic Effects	See Section 15.
Mutagenic Effects	See Section 15.
Teratogenic Effects	See Section 15.
Developmental Toxicity	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.