

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) |
|-----------------------------|-------------|------------|----------|-------------|
| 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.