

00000544

SAFETY DATA SHEET

86326-1129

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Tri-Art Manufacturing Inc.
4 Harvey Street
Kingston, ON, K7K 5B9
Canada
(613) 541-0299

PRODUCT: WATERCOLOURS

SECTION 01: IDENTIFICATION

Product identifier..... WATERCOLOURS
Initial supplier identifier..... Tri-Art Manufacturing Inc.
4 Harvey Street
Kingston, ON. K7K 5B9
Canada
1-888-541-0299
Emergency telephone number and any ... restrictions Tri-Art; (613) 541-0299 (9 am to 5 pm EST).
Recommended use and restrictions Paint for consumer use.
Chemical family..... Water based paint mixture.
Note..... This safety data sheet has been produced for all colors offered in the Water Colour product line. This safety data sheet covers the following products: Alizarin Crimson, Arylide Yellow Deep, Arylide Yellow Light, Arylide Yellow Medium, Bismuth Yellow Deep, Bismuth Yellow Light, Bismuth Yellow Medium, Brilliant Purple, Burnt Crimson, Burnt Sienna, Burnt Umber, Cadmium Red Medium (hue), Cadmium Yellow Medium (hue), Carbon Black, Cerulean Blue, Cerulean Blue Hue, Chrome Oxide Green, Cobalt Blue, Cobalt Blue Hue, Cobalt Green, Cobalt Teal, Dioxazine Violet, Golden Green, Golden Orange, Golden Yellow, Graphite Grey, Green Gold, Indian Yellow, Interference Turquoise, Interference Blue, Interference Gold, Interference Green, Interference Orange, Interference Red, Interference Violet, Iridescent Pale Gold, Iridescent Bronze, Iridescent Copper, Iridescent Gold Deep, Iridescent Pearl, Iridescent Silver, Ivory Black, Magenta Light, Manganese Blue Hue, Mars Black, Naphthol Red Light, Naphthol Red Medium, Naples Yellow (hue), Neutral Grey, Nickel Azo Yellow, Paynes Grey, Permanent Green Light, Permanent Crimson, Permanent Maroon, Phthalo Blue G/S, Phthalo Blue R/S, Phthalo Green B/S, Phthalo Green Y/S, Phthalo Turquoise Light, Phthalo Turquoise, Portrait Tone, Primary Cyan, Primary Magenta, Primary Yellow, Prussian Blue (hue), Pyrrole Orange, Pyrrole Red Light, Pyrrole Red Medium, Quinacridone Magenta, Quinacridone Red, Quinacridone Scarlet, Quinacridone Violet, Raw Sienna, Raw Umber, Red Oxide, Rose Gold, Sap Green, Sap Green Light, Sepia, Titanium White, Transparent Permanent Orange, Transparent Permanent Red Light, Transparent Pyrrole Red Medium, Transparent Red Oxide, Transparent Brown, Transparent Gold Oxide, Transparent Yellow Oxide, Ultramarine Blue Modern, Ultramarine Blue, Ultramarine Violet B/S, Ultramarine Violet R/S, Unbleached Titanium, Van Dyke Brown, Viridian (hue), Warm White, Yellow Oxide, Zinc White.

SECTION 02: HAZARD IDENTIFICATION

Hazard Classification..... Non-toxic - does not meet OSHA Hazard Communication classification criteria. Does not meet any hazard criteria defined by the Hazardous Products Regulations 2015.
Signal Word..... Not hazardous.
Precautionary Statements..... Avoid prolonged contact with skin. Avoid contact with eyes. Wash skin thoroughly after handling. Do not ingest this product and wash hands before consuming food. .
Hazard Description..... Direct skin contact may result in little or no irritation. Prolonged contact, may be more irritating. Eye contact may cause mild transient irritation. If ingested, may cause irritation of mouth, throat, and stomach. Swallowing may cause irritation, nausea and vomiting. Ingestion of larger amounts may cause defects to the central nervous system (e.g. dizziness, headache).
Mixtures Statement..... The product label has been evaluated in accordance with ASTM-4236.

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Nickel complexes appear in Golden Green, Golden Yellow, Green Gold and Nickel Azo Yellow	68511-62-6	
* Titanium Dioxide and Carbon Black are ingredients in some colours	13463-67-7, 1333-86-4	
Chromium Oxide (Cr2O3) is an ingredient in Chrome Oxide Green	1308-38-9	
Cobalt spinels are in the following colours: Cerulean Blue, Cobalt Blue, Cobalt Green, Cobalt Teal	68187-49-5, 1345-16-0	

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SECTION 04: FIRST-AID MEASURES

Eye Contact..... Immediately flush eyes with running water for at least 5 to 10 minutes. If irritation persists, seek prompt medical attention.
 Ingestion..... Do not induce vomiting. Never give anything by mouth if victim is unconscious. Consult a physician.
 Inhalation..... Unintentional inhalation of this product should not pose any health risks. .
 Skin Contact..... Wash off with soap and plenty of water. In the unlikely event that irritation occurs, consult with your doctor.
 Additional Information..... Treat symptomatically.

SECTION 05: FIRE-FIGHTING MEASURES

Suitable and unsuitable extinguishing media This product does not burn in its liquid form. Use extinguishing media suitable to the surrounding fire.
 Hazardous Combustion Products..... Carbon oxides in the event the dried paint is involved in a fire.
 Special protective equipment and precautions for fire-fighters None required for this product. .
 Specific hazards arising from the hazardous product Not flammable under normal conditions of use. This product is not sensitive to mechanical impact or static discharge.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Personal Precautions / protective equipment Spills on floors can create a slip hazard. Adequate precautions should be taken when walking on spilled product.
 Emergency Procedures..... Keep children and all others away from spilled material.
 Methods / Materials For Containment..... Use suitable absorbent materials such as cloth, rags, sponges, or paper towels .
 Clean Up..... Contain and wipe up the spill with absorbent material or cloth. Rinse the cloth with water and repeat the process until surface is clean and dry of spilled material .

SECTION 07: HANDLING AND STORAGE

Precautions for safe handling..... Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Keep away from extreme heat and flame. Keep containers tightly closed when not in use.
 Conditions for safe storage, including any incompatibilities Store in a cool, dry, well ventilated area. Do not freeze. Recommended storage temperature: 0 - 30°C (32 - 86°F).

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
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Nickel complexes appear in Golden Green, Golden Yellow, Green Gold and Nickel Azo Yellow

<10%

Personal protective equipment:..... No personal protective equipment is necessary when handling or using this product.
 Clothing/Type..... No special protective clothing is required to use this product.
 Eye/Type..... Take the necessary precautions to avoid liquid contact with eyes.
 Gloves/Type..... No gloves are required to handle this product.
 Engineering Controls..... No special ventilation requirements are necessary for this product.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Physical Appearance..... Liquid.
 Color..... Various colors.
 Odour..... Mild odour.
 Odour Threshold (ppm)..... No data available.
 Vapour Density (Air = 1)..... No data.
 Vapour Pressure (mm Hg)..... Not available.
 pH..... 8.5 - 9.5.
 Relative Density / Specific Gravity..... 1.123-1.529 (variable with each colour).
 Melting / Freezing Point..... 0° C / 32° F.
 Solubility Dilutable in water.



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SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Initial Boiling Point / Boiling Range.....	100°C / 212°F.
Evaporation Rate.....	Similar to water.
Flash Point (deg C), Method.....	Non-flammable.
Auto Ignition Temperature (deg C).....	Not applicable.
Upper Flammable Limit (% Vol).....	Not applicable.
Lower Flammable Limit (% Vol).....	Not applicable.
Coefficient of Water/Oil Distribution.....	No data.
Viscosity.....	631 to 3,932 Poise depending on specific colour .

SECTION 10: STABILITY AND REACTIVITY

Reactivity.....	Avoid extreme heat or freezing temperatures.
Chemical stability.....	Stable under the recommended storage and handling conditions prescribed.
Possibility of hazardous reactions.....	Will not occur.
Hazardous decomposition products.....	None known, refer to hazardous combustion products in Section 5.
Incompatible materials.....	There are no known incompatibilities.
Note On Decomposition.....	Not applicable.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
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Routes of Exposure:.....	Skin and eye contact are possible routes of exposure. Mists and vapours are unlikely to be generated during intended use of this product. Do not take internally or ingest this product.
Effects Of Acute Exposure.....	Ingestion of large amounts may be harmful. If product is heated or mists are formed, inhalation may cause irritation to the nose, throat and respiratory tract. Direct skin contact may result in little or no irritation. Prolonged contact may be more irritating. Eye contact may cause mild transient irritation. May cause irritation of mouth, throat, and stomach. Swallowing may cause irritation, nausea and vomiting.
Effects Of Chronic Exposure.....	None known.
Carcinogenicity Of Material.....	Some colours contain carbon black, an IARC 2B carcinogen. However, the carbon black used in this product is in a non-respirable form and under normal conditions of use carbon black cannot become airborne. The carcinogenic effects of carbon black are therefore not applicable to this product. Some colours contain titanium dioxide, an IARC Group 2B carcinogen. However, the titanium dioxide used in this product is in a non respirable form and under normal conditions of use, Titanium dioxide cannot become airborne. The carcinogenic effects of titanium dioxide are therefore not applicable to this product. Some of the colours offered for this product contain small amounts of Nickel (see Section 3). Some Nickel compounds are suspected of causing cancer. Chromic Oxide (CrO2) is covered under Proposition 65 (cancer) for hexavalent chromium. Some colours contain cobalt compounds (see section 3), which the IARC has classified as possibly carcinogenic to humans. (Group 2B, Monograph #52).
Aggravated Medical Conditions.....	None are anticipated under normal use.
Note.....	Use of this product following our recommended instructions should not cause any health hazards, other than those indicated above .

SECTION 12: ECOLOGICAL INFORMATION

Data From Toxicity Tests.....	Data from toxicity tests are not available at this time .
Environmental.....	No data at this time .
Bioaccumulation Potential.....	No data available at this time.
Other Adverse Effects.....	No data available at this time.
Absorption Potential.....	No data available at this time.

SECTION 13: DISPOSAL CONSIDERATIONS

Appropriate Disposal Methods.....	Empty containers should be recycled in accordance with local municipal recycling practices. Containers that are not empty should be brought to your local waste paint recycling facility .
Appropriate Disposal Considerations.....	Wherever possible unused paint should be brought to your local waste paint facility.
Properties Affect Disposal.....	None anticipated.
Sewage Disposal Comments.....	Wherever possible, paint should not be washed down the sewer.

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SECTION 14: TRANSPORT INFORMATION

UN Number.....	Not regulated.
UN Proper Name.....	Not regulated.
Transport Hazard Class.....	Not regulated.
Packaging Group.....	Not regulated.
Environmental Hazards.....	None known.
Guidance On Transport In Bulk.....	Not regulated.
Guidance on transport by air (IATA).....	This product is not classified as a dangerous good per IATA Dangerous Goods Regulations.
Any Special Precautions.....	None known.

SECTION 15: REGULATORY INFORMATION

GHS Classification.....	Not classified.
WHMIS 1988 Classification.....	When this product is used in a workplace it may be classified as it contains ingredients classified as D2A in concentrations greater than 0.1%.
CEPA Status.....	The ingredients in this product appear on the DSL .
TSCA Inventory Status.....	All ingredients are listed on the TSCA inventory.
OSHA.....	This product is not considered hazardous .
SARA TITLE III	
Section 311/312 - Hazard Categories.....	Not applicable.
Section 302 - Extremely Hazardous Substances	None.
SARA Section 313.....	This material is not subject to SARA notification requirements, since it does not contain any Toxic Chemical constituents above de minimus concentrations.
EPA Hazardous Air Pollutants (HAPS)	None.
40CFR63	
HS Code.....	3213.10.00.00.
California Proposition 65.....	Carbon black is known by the state of California to cause cancer. However, Carbon black is listed when found in unbound, airborne particles of respirable size. Titanium dioxide is known by the state of California to cause cancer. However, Titanium dioxide is listed when found in unbound, airborne particles of respirable size. Nickel compounds are known by the state of California to cause cancer. However, Nickel is listed when found in unbound, airborne particles of respirable size. Chromic Oxide (CrO2) is covered under Proposition 65 (cancer) for hexavalent chromium. Some colours contain cobalt compounds (see section 3), which the IARC has classified as possibly carcinogenic to humans. (Group 2B, Monograph #52).

SECTION 16: OTHER INFORMATION

Prepared By.....	Tri-Art Manufacturing Inc. - www.tri-art.ca - email: support@tri-art.ca.
Disclaimer.....	This Safety Data Sheet was prepared by Tri-Art Manufacturing and obtained from supplier information. The information in the Safety Data Sheet is off ered for your consideration and guidance when exposed to this product. Tri-Art Manufacturing Inc. disclaims all expressed or implied warranties and assume no responsibilities for the accuracy or completeness of the data contained herein. The data in this MSDS does not apply to use with any other product or in any other process. This Material Safety Data Sheet may not be changed, or altered in any way without the expressed knowledge and permission of Tri-Art Manufacturing Inc.
Date of the latest revision of the safety data sheet ..	2021-02-23