MSDS for #02043 - BLK LGHT POSTR PAINT Page 1 of 7

Tri-Art Manufacturing Inc.
4 Harvey Street
Kingston, ON, Canada, K7K 5B9
Telephone: (613) 541-0299
Fax: (613) 541-1765

**UVFX BLACK LIGHT POSTER PAINT Colours**

MSDS Preparation Date (mm/dd/yyyy): 01/11/2013



# MATERIAL SAFETY DATA SHEET

## SECTION 1 - IDENTIFICATION

**Product identifier** : **UVFX BLACK LIGHT POSTER PAINT Colours.**

**Product Code(s)** : Not available.

**Product Use** : Water-based acrylic paint.

**Chemical Family** : Mixture.

**Manufacturer's name and address:**

Tri-Art Manufacturing Inc.
4 Harvey Street
Kingston, ON, Canada
K7K 5B9

**Information Telephone #** : (613) 541-0299 (9:00 AM to 5:PM EST)

**24 Hr. Emergency Tel #** : Not available.

## SECTION 2 - HAZARDS IDENTIFICATION

**Classification** : WHMIS information: This product is not a WHMIS controlled product in Canada. It does not meet any of the criteria for a controlled product provided in Part IV of the Controlled Products Regulations (CPR).
OSHA: This material is classified as hazardous under OSHA regulations (29CFR 1910.1200). Hazardous classification: Acute Health Hazard.

**Emergency Overview** : White or coloured liquid. Mild ammonia odour. Caution! May cause mild transient irritation. Ingestion of large amounts may be harmful.

**POTENTIAL HEALTH EFFECTS:**

**Signs and symptoms of short-term (acute) exposure**

*Inhalation* : None expected, when used as intended. If product is heated or mists are formed, inhalation may cause irritation to the nose, throat and respiratory tract.

*Skin* : Direct skin contact may result in little or no irritation. Prolonged contact, may be more irritating.

*Eyes* : May cause mild transient irritation.

*Ingestion* : 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).

**Effects of long-term (chronic) exposure**
: None known or reported by the manufacturer.

**Carcinogenic status** : See TOXICOLOGICAL INFORMATION, Section 11.

**Additional health hazards** : See TOXICOLOGICAL INFORMATION, Section 11.

**Potential environmental effects**
: See ECOLOGICAL INFORMATION, Section 12.

## SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredients | CAS # | Wt.% |
|---|---|---|
| **All Colours contain the following ingredients:** | | |
| Propylene glycol | 57-55-6 | 1.00 - 2.50 |
| **UVFX Black also contains the following component:** | | |
| Carbon black | 1333-86-4 | 1.50 - 2.50 |



Item Numbers: 02043-1006, 02043-1009, 02043-2026, 02043-2029, 02043-3216, 02043-3219, 02043-3716, 02043-3719, 02043-4226, 02043-4229, 02043-4566, 02043-4569, 02043-4636, 02043-4639, 02043-5246, 02043-5249, 02043-6416, 02043-6419, 02043-7266, 02043-7269 Page 1 of 7

MSDS for #02043 - BLK LGHT POSTR PAINT

Page 2 of 7

Tri-Art Manufacturing Inc.
4 Harvey Street
Kingston, ON, Canada, K7K 5B9
Telephone: (613) 541-0299
Fax: (613) 541-1765

**UVFX BLACK LIGHT POSTER PAINT Colours**

Page 2 of 7

## SECTION 4 - FIRST AID MEASURES

**Inhalation** : Immediately remove person to fresh air. If breathing has stopped, give artificial respiration. If irritation or symptoms develop, seek medical attention.

**Skin contact** : Remove contaminated clothing and shoes. Wash off with soap and plenty of water. If irritation persists, seek prompt medical attention. Launder clothing before reuse.

**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.

**Notes For Physician** : Treat symptomatically.

## SECTION 5 - FIRE FIGHTING MEASURES

**Fire hazards/conditions of flammability**

: Not flammable under normal conditions of use. Closed containers may rupture if exposed to excess heat or flame due to a build-up of internal pressure.

**Flammability classification (OSHA 29 CFR 1910.1200)**

: Non-flammable.

**Oxidizing properties** : None known.

**Explosion data: Sensitivity to mechanical impact / static discharge**

: Not expected to be sensitive to mechanical impact or static discharge.

**Suitable extinguishing media** : Use media suitable to the surrounding fire such as water fog or fine spray, alcohol foams, carbon dioxide and dry chemical.

**Special fire-fighting procedures/equipment**

: Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode. Move containers from fire area if safe to do so. Use water to cool fire-exposed containers.

**Hazardous combustion products**

: Carbon oxides; Sulphur oxides; Nitrogen oxides (NOx); Other unidentified organic compounds.

**NFPA Rating**

: 0 - Minimal 1 - Slight 2 - Moderate 3 - Serious

*Health:* 1 *Flammability:* 1 *Instability:* 0 *Special Hazards:* None

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Personal precautions** : Restrict access to area until completion of clean-up. Ensure clean-up is conducted by trained personnel only. All persons dealing with the clean-up should wear the appropriate chemically protective equipment. Refer to protective measures listed in sections 7 and 8.

**Environmental precautions** : Ensure spilled product does not enter drains, sewers, waterways, or confined spaces. If necessary, dike well ahead of the spill to prevent runoff into drains, sewers, or any natural waterway or drinking supply.

**Spill response/cleanup** : Remove all sources of ignition. Ventilate area of release. Stop the spill at source if it is safe to do so. Contain and absorb spilled liquid with non-combustible, inert absorbent material (e.g. sand), then place absorbent material into a container for later disposal (see Section 13). Contaminated absorbent material may pose the same hazards as the spilled product. Notify the appropriate authorities as required.

**Prohibited materials** : None known or reported by the manufacturer.

**Special spill response procedures**

: If a spill/release in excess of the EPA reportable quantity is made into the environment, immediately notify the national response center in the United States (phone: 1-800-424-8002).
US CERCLA Reportable quantity (RQ): None reported.

## SECTION 7 - HANDLING AND STORAGE

**Safe Handling procedures** : Wear appropriate protective equipment. Use with adequate ventilation. Avoid breathing vapour or mist. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Keep away from extreme heat and flame. Keep away from incompatibles. Keep containers tightly closed when not in use.



Item Numbers: 02043-1006, 02043-1009, 02043-2026, 02043-2029, 02043-3216, 02043-3219, 02043-3716, 02043-3719, 02043-4226, 02043-4229, 02043-4566, 02043-4569, 02043-4636, 02043-4639, 02043-5246, 02043-5249, 02043-6416, 02043-6419, 02043-7266, 02043-7269

Page 2 of 7

MSDS for #02043 - BLK LGHT POSTR PAINT Page 3 of 7

Tri-Art Manufacturing Inc.
4 Harvey Street
Kingston, ON, Canada, K7K 5B9
Telephone: (613) 541-0299
Fax: (613) 541-1765

**UVFX BLACK LIGHT POSTER PAINT Colours**

Page 3 of 7

**Storage requirements** : Store in a cool, dry, well ventilated area. Keep away from incompatibles. Inspect periodically for damage or leaks. Do not freeze. Recommended storage temperature: 0 - 30°C (32 - 86°F).

**Incompatible materials** : Oxidizing agents; Reducing agents; Strong acids; Strong bases.

**Special packaging materials** : Always keep in containers made of the same materials as the supply container.

## SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

### Exposure Limits

| Ingredients | ACGIH TLV TWA | ACGIH TLV STEL | OSHA PEL PEL | OSHA PEL STEL |
|---|---|---|---|---|
| **All Colours contain the following ingredients:** | | | | |
| Propylene glycol | 10 mg/m³ (AIHA WEEL) | N/Av | N/Av | N/Av |
| **Black also contains the following component:** | | | | |
| Carbon black | 3.5 mg/m³ | N/Av | 3.5 mg/m³ | N/Av |

**Ventilation and engineering measures** : Use with adequate ventilation. General room ventilation is normally adequate.

**Respiratory protection** : In order to avoid inhalation of spray-mist and sanding dust, all spraying and sanding must be done wearing adequate respirator. Seek advice from respiratory protection specialists. Respirators should be selected based on the form and concentration of contaminants in air, and in accordance with OSHA (29 CFR 1910.134) or CSA Z94.4-02.

**Skin protection** : None required under normal conditions. For prolonged skin exposure, gloves impervious to the material are recommended. Advice should be sought from glove suppliers.

**Eye / face protection** : Safety goggles or glasses as appropriate for the job.

**Other protective equipment** : An eyewash station and safety shower should be made available in the immediate working area. Other equipment may be required depending on workplace standards.

**General hygiene considerations** : Avoid breathing vapour or mist. Avoid contact with skin, eyes and clothing. Do not eat, drink, smoke or use cosmetics while working with this product. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove soiled clothing and wash it thoroughly before reuse.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

**Physical state** : liquid

**Odour** : Mild ammonia odour.

**pH** : N/Ap

**Boiling point** : 100 - 130°C (212 - 266°F)

**Melting/Freezing point** : N/Av

**Vapour pressure (mmHg @ 20° C / 68° F)** : N/Av

**Vapour density (Air = 1)** : N/Av

**Volatile organic Compounds (VOC's)** : N/Av

**Flash point** : Non-flammable.

**Flash point Method** : N/Av

**Appearance** : White or coloured liquid.

**Odour threshold** : N/Av

**Specific gravity** : 1.0 - 1.2

**Coefficient of water/oil distribution** : N/Av

**Solubility in water** : Dilutable.

**Evaporation rate (n-Butyl acetate = 1)** : N/Av

**Volatiles (% by weight)** : N/Av

**Auto-ignition temperature** : N/Av



Item Numbers: 02043-1006, 02043-1009, 02043-2026, 02043-2029, 02043-3216, 02043-3219, 02043-3716, 02043-3719, 02043-4226, 02043-4229, 02043-4566, 02043-4569, 02043-4636, 02043-4639, 02043-5246, 02043-5249, 02043-6416, 02043-6419, 02043-7266, 02043-7269 Page 3 of 7

MSDS for #02043 - BLK LGHT POSTR PAINT

Page 4 of 7

Tri-Art Manufacturing Inc.
4 Harvey Street
Kingston, ON, Canada, K7K 5B9
Telephone: (613) 541-0299
Fax: (613) 541-1765

**UVFX BLACK LIGHT POSTER PAINT Colours**

MSDS Preparation Date (mm/dd/yyyy): 01/11/2013

Page 4 of 7

**Lower flammable limit (% by vol.)** : N/Ap
**Upper flammable limit (% by vol.)** : N/Ap
**Flame Projection Length** : N/Ap
**Flashback observed** : N/Ap

## Section 10: Stability And Reactivity

**Stability and reactivity** : Stable under the recommended storage and handling conditions prescribed.
**Hazardous polymerization** : Will not occur.
**Conditions to avoid** : Avoid heat and open flame. Keep away from incompatibles. Keep container tightly closed when not in use.
**Materials To Avoid And Incompatibility** : Incompatible materials (see Section 7).
**Hazardous decomposition products** : None known, refer to hazardous combustion products in Section 5.

## SECTION 11 - TOXICOLOGICAL INFORMATION

**Target organs** : Eyes, skin, respiratory system and digestive system.
**Routes of exposure** : *Inhalation:* YES *Skin Absorption:* NO *Skin & Eyes:* YES *Ingestion:* YES
**Toxicological data** : There is no available data for the product itself, only for the ingredients. See below for individual ingredient acute toxicity data.

| Ingredients | $LC_{50}$(4hr) inh, rat | $LD_{50}$ (Oral, rat) | $LD_{50}$ (Rabbit, dermal) |
|---|---|---|---|
| **All Colours and Mediums contain the following ingredients:** | | | |
| Propylene glycol | N/Av | 21,800 mg/kg | 20,800 mg/kg |
| **Black also contains the following component:** | | | |
| Carbon black | 6750 mg/m³ | > 15,400 mg/kg | > 3000 mg/kg |

**Carcinogenic status** :

UVFX Poster Paint 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, cannot become airbourne.
The carcinogenic effects of Carbon black are therefore not applicable to this product.

**Reproductive effects** : Not expected to have other reproductive effects.
**Teratogenicity** : Not expected to be a teratogen.
**Mutagenicity** : Not expected to be mutagenic in humans. Art Noise Black contains Carbon black. Carbon black is suspected of causing mutations in non-reproductive cells, based on animal data. However, the Carbon black used in this product is in a non-respirable form and under normal conditions of use, Carbon black cannot become airbourne. The mutagenic effects of Carbon black are therefore not applicable to this product.
**Epidemiology** : Not available.
**Sensitization to material** : Not expected to be a skin or respiratory sensitizer.
**Synergistic materials** : Not available.
**Irritancy** : Slightly irritating.
**other important hazards** : CNS depression may result from extreme exposures.
**Conditions aggravated by overexposure** : Pre-existing skin and respiratory disorders.

## SECTION 12 - ECOLOGICAL INFORMATION

**Ecotoxicity** : No data is available on the product itself. The product should not be allowed to enter drains or water courses, or be deposited where it can affect ground or surface waters.



Item Numbers: 02043-1006, 02043-1009, 02043-2026, 02043-2029, 02043-3216, 02043-3219, 02043-3716, 02043-3719, 02043-4226, 02043-4229, 02043-4566, 02043-4569, 02043-4636, 02043-4639, 02043-5246, 02043-5249, 02043-6416, 02043-6419, 02043-7266, 02043-7269 Page 4 of 7

MSDS for #02043 - BLK LGHT POSTR PAINT Page 5 of 7

Tri-Art Manufacturing Inc.
4 Harvey Street
Kingston, ON, Canada, K7K 5B9
Telephone: (613) 541-0299
Fax: (613) 541-1765

**UVFX BLACK LIGHT POSTER PAINT Colours**

Page 5 of 7

**Mobility** : No data is available on the product itself.
**Persistence** : No data is available on the product itself.
**Bioaccumulation potential** : No data is available on the product itself.
**Other Adverse Environmental effects**
: No data is available on the product itself.

## SECTION 13 - DISPOSAL CONSIDERATIONS

**Handling for Disposal** : Handle waste according to recommendations in Section 7.
**Methods of Disposal** : Dispose in accordance with all applicable federal, state, provincial and local regulations. Contact your local, state, provincial or federal environmental agency for specific rules.

**RCRA** : If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste as defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state and federal environmental agencies.

## SECTION 14: TRANPORT INFORMATION

| Regulatory Information | UN Number | Shipping Name | Class | Packing Group | Label |
|---|---|---|---|---|---|
| TDG | None | Not regulated. | Not regulated | none | |
| **TDG Additional information** | None. | | | | |
| 49CFR/DOT | None | Not regulated. | Not regulated | none | |
| **49CFR/DOT Additional information** | None. | | | | |

## SECTION 15 - REGULATORY INFORMATION

**US Federal Information:**
TSCA: All listed ingredients appear on the Toxic Substances Control Act (TSCA) inventory.

CERCLA Reportable Quantity (RQ) (40 CFR 117.302): None reported.

SARA TITLE III: Sec. 302, Extremely Hazardous Substances, 40 CFR 355: No Extremely Hazardous Substances are present in this material.

SARA TITLE III: Sec. 311 and 312, MSDS Requirements, 40 CFR 370 Hazard Classes: Immediate (Acute) health hazard. Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds for the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

SARA TITLE III: Sec. 313, Toxic Chemicals Notification, 40 CFR 372: This material is not subject to SARA notification requirements, since it does not contain any Toxic Chemical constituents above de minimus concentrations.

**US State Right to Know Laws:**
California Proposition 65: - Black contains Carbon black. 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.



Item Numbers: 02043-1006, 02043-1009, 02043-2026, 02043-2029, 02043-3216, 02043-3219, 02043-3716, 02043-3719, 02043-4226, 02043-4229, 02043-4566, 02043-4569, 02043-4636, 02043-4639, 02043-5246, 02043-5249, 02043-6416, 02043-6419, 02043-7266, 02043-7269 Page 5 of 7

MSDS for #02043 - BLK LGHT POSTR PAINT

Page 6 of 7

Tri-Art Manufacturing Inc.
4 Harvey Street
Kingston, ON, Canada, K7K 5B9
Telephone: (613) 541-0299
Fax: (613) 541-1765

**UVFX BLACK LIGHT POSTER PAINT Colours**

Page 6 of 7

**International Information:**

Canadian WHMIS Classification: Refer to Section 2 for a WHMIS Classification for this product.

Canadian Environmental Protection Act (CEPA) information: All ingredients listed appear on the Domestic Substances List (DSL).

**This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.**

## SECTION 16 - OTHER INFORMATION

**HMIS Rating** : ★- Chronic hazard 0 - Minimal 1 - Slight 2 - Moderate 3 - Serious

*Health:* *1 *Flammability:* 1 *Reactivity:* 0

**Legend** :

ACGIH: American Conference of Governmental Industrial Hygienists
AIHA: American Industrial Hygiene Association
CA: California
CAS: Chemical Abstract Services
CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980
CFR: Code of Federal Regulations
CNS: Central Nervous System
DOT: Department of Transportation
EPA: Environmental Protection Agency
EST: Eastern Standard Time
HMIS: Hazardous Materials Identification System
HSDB: Hazardous Substances Data Bank
IARC: International Agency for Research on Cancer
Inh: Inhalation
IUCLID: International Uniform ChemicaL Information Database
LC: Lethal Concentration
LD: Lethal Dose
MA: Massachusetts
MN: Minnesota
N/Ap: Not Applicable
N/Av: Not Available
NFPA: National Fire Protection Association
NIOSH: National Institute of Occupational Safety and Health
NJ: New Jersey
NTP: National Toxicology Program
OSHA: Occupational Safety and Health Administration
PA: Pennsylvania
PEL: Permissible exposure limit
RCRA: Resource Conservation and Recovery Act
RI: Rhode Island
RTECS: Registry of Toxic Effects of Chemical Substances
SARA: Superfund Amendments and Reauthorization Act
STEL: Short Term Exposure Limit
TDG: Canadian Transportation of Dangerous Goods Act & Regulations
TLV: Threshold Limit Values
TWA: Time Weighted Average
WEEL: Workplace Environmental Exposure Level
WHMIS: Workplace Hazardous Materials Identification System

**References** :

1. ACGIH, Threshold Limit Values and Biological Exposure Indices for 2011.
2. International Agency for Research on Cancer Monographs, searched 2011.
3. Canadian Centre for Occupational Health and Safety, CCInfoWeb databases, 2011 (Chempendium, HSDB, RTECs).
4. Material Safety Data Sheet from manufacturer.
5. US EPA Title III List of Lists - October 2006 version.
6. California Proposition 65 List - May 20, 2011 version.



Item Numbers: 02043-1006, 02043-1009, 02043-2026, 02043-2029, 02043-3216, 02043-3219, 02043-3716, 02043-3719, 02043-4226, 02043-4229, 02043-4566, 02043-4569, 02043-4636, 02043-4639, 02043-5246, 02043-5249, 02043-6416, 02043-6419, 02043-7266, 02043-7269 Page 6 of 7

MSDS for #02043 - BLK LGHT POSTR PAINT

Page 7 of 7

Tri-Art Manufacturing Inc.
4 Harvey Street
Kingston, ON, Canada, K7K 5B9
Telephone: (613) 541-0299
Fax: (613) 541-1765

**UVFX BLACK LIGHT POSTER PAINT Colours**

MSDS Preparation Date (mm/dd/yyyy): 01/11/2013

Page 7 of 7

**Prepared BY:**

Tri-Art Manufacturing Inc.
4 Harvey Street
Kingston, ON, Canada, K7K 5B9
Telephone: (613) 541-0299
Please direct all enquiries to Tri-Art Manufacturing.

## DISCLAIMER OF LIABILITY

This Material Safety Data Sheet was prepared by Tri-Art Manufacturing. Inc. using information provided by / obtained from their suppliers and CCOHS' Web Information Service. The information in the Material Safety Data Sheet is offered for your consideration and guidance when exposed to this product. Tri-Art Manufacturing Inc. expressly disclaim 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.

**Preparation Date (mm/dd/yyyy) : 11/22/2012**

END OF DOCUMENT



Item Numbers: 02043-1006, 02043-1009, 02043-2026, 02043-2029, 02043-3216, 02043-3219, 02043-3716, 02043-3719, 02043-4226, 02043-4229, 02043-4566, 02043-4569, 02043-4636, 02043-4639, 02043-5246, 02043-5249, 02043-6416, 02043-6419, 02043-7266, 02043-7269

Page 7 of 7

00000541

# MATERIAL SAFETY DATA SHEET



Tri Art Manufacturing Inc.
4 Harvey Street
Kingston; Ontario; K7K 5B9
Canada

## PRODUCT: UV REACTIVE MEDIUM MATTE

## Section 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

| | |
|---|---|
| Product Identity | UV REACTIVE MEDIUM MATTE & GLOSS |
| Manufacturer name and address | Tri-art Manufacturing Inc.<br>4 Harvey Street<br>Kingston<br>Ontario<br>Canada<br>K7K 5B9<br>613-541-0299 |
| 24 hour emergency phone number | (613) 541-0299 (9 am to 5 pm EST). |
| Recommended use | Paint for consumer use. |
| Chemical family | Water based paint mixture. |

## Section 02: HAZARDS IDENTIFICATION

| | |
|---|---|
| Hazard Classification / Category | Non-toxic - does not meet OSHA Hazard Communication classification criteria. |
| Signal Word | Non-toxic. |
| 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. . |
| Description of Hazards | 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 | This product is a mixture and has been classified in accordance with the Globally Harmonized System bridging principles. All ingredient classifications have been reviewed and been taken into consideration. |

## Section 03: COMPOSITION/INFORMATION ON INGREDIENTS

| Hazardous Ingredients | CAS # | Wt. % |
|---|---|---|
| PROPYLENE GLYCOL | 57-55-6 | 1-5 |

## 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

| | |
|---|---|
| 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 Fire Fighting Procedures | None required for this product. . |
| Unusual Fire/Explosion Hazards | 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 | 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 . |

**00000541** **MATERIAL SAFETY DATA SHEET** **Page 2**

**PRODUCT: UV REACTIVE MEDIUM MATTE & GLOSS**

## Section 07: HANDLING AND STORAGE

| | |
|---|---|
| Handling Precautions | 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. |
| Storage Requirements | 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

Exposure Limits

| Ingredients | ACGIH TLV TWA | ACGIH TLV STEL | OSHA PEL PEL | OSHA PEL STEL | NIOSH REL |
|---|---|---|---|---|---|
| PROPYLENE GLYCOL | 10 vmg/m3 | Not established | Not established | Not established | Not established |

| | |
|---|---|
| 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) | |
| Vapour Density (Air = 1) | No data. |
| Vapour Pressure (mm Hg) | Similar to water. |
| pH | 8.4 - 9.4. |
| Relative Density / Specific Gravity | 1.00 - 1.10. |
| Melting / Freezing Point | 0° C / 32° F. |
| Solubility | Dilutable in water. |
| 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 | |
| % Volatile By Weight | 71-75%. |
| Viscosity | 300 - 550 poise @0.5 rpm. |

## Section 10: STABILITY AND REACTIVITY

| | |
|---|---|
| Reactivity Conditions | Avoid extreme heat or freezing temperatures. |
| Stability | Stable under the recommended storage and handling conditions prescribed. |
| Hazardous Polymerization | Will not occur. |
| Hazardous Products Of Decomposition | None known, refer to hazardous combustion products in Section 5. |
| Incompatibility | There are no known incompabilities. |
| Note On Decomposition | Not applicable. |

## Section 11: TOXICOLOGICAL INFORMATION

| | |
|---|---|
| Route 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 | This product does not contain any carcinogens listed by the IARC, NTP or ACGIH. |
| 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 . |

Toxicological Data

| Ingredients | LC50-inh, rat | LD50-Oral,rat |
|---|---|---|
| PROPYLENE GLYCOL | Not available | 22,000 mg/kg Rat oral; 20,800 Rabbit dermal |

**00000541** **MATERIAL SAFETY DATA SHEET** **Page 3**

## PRODUCT: UV REACTIVE MEDIUM MATTE MATTE & GLOSS

### 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. |

### Section 14: TRANSPORT INFORMATION

| | |
|---|---|
| UN Number | Not regulated. |
| UN Proper Name | Not regulated. |
| Transport Hazard Classification | Not regulated. |
| Packaging Group (If Applicable) | Not regulated. |
| Environmental Hazards | None known. |
| Guidance On Transport In Bulk | Not regulated. |
| Any Special Precautions | None known. |

### Section 15: REGULATORY INFORMATION

| | |
|---|---|
| Globally Harmonized System Classification | Not classified. |
| WHMIS Classification | Not controlled. |
| 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 302 - Extremely Hazardous Substances | None. |
| Section 311/312 - Hazard Categories | Not applicable. |
| 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) 40CFR63 | None. |
| California Proposition 65 | This product does not contain any chemical(s) known to the State of California to cause cancer or reproductive toxicity. |
| HS Code | 3209.10.00.20. |

### Section 16: OTHER INFORMATION

| | |
|---|---|
| Prepared By | HDTS Chemicals Inc. - www.hdtschemicals.com - email: service@hdtschemicals.com . |
| Disclaimer | This Safety Data Sheet was prepared by Tri-Art Manufacturing and obtained from supplier information. The information in the Safety Data Sheet is offered 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. |
| Preparation Date | Jan14/13 |