

# SAFETY DATA SHEET

## SECTION 1 - MANUFACTURER/PRODUCT IDENTIFICATION:

**PRODUCT IDENTITY: MESSY COLOR™ & LTD RUNS**

**Manufacturer's (Distributor's) Name:**

Creation is Messy (CiM)  
PO Box 131  
Lake Oswego, OR 97034 USA

**Emergency Telephone Number:**

+1 (877) 451-6919

**Generic Name:** Colored Glass Rod

**Use:** Glass Rods

**Chemical Family:** Soda Lime Glass

## SECTION 2 – HAZARDS IDENTIFICATION:

Precautionary Statements: The chemicals used to produce this product are in a glass matrix. Exposure to toxic chemicals is not possible unless the glass is heated to its melting point or ground to an extremely fine particle size. Many glass rods are made with metal oxides. While the metals are bound up in a glass matrix, grinding to an extremely fine particle size can liberate some of the metals in the glass. Use a water bath or water grinding wheel when grinding glass. A NIOSH (National Institute of Occupational Safety & Health) approved dust mask (N-95), at a minimum, should be worn during grinding. The use of a respirator outfitted with an N, P, or R 100 filter is recommended. Appropriate exhaust ventilation is also recommended.

**SECTION 2.1: HAZARD CLASSIFICATION: Please note that glass products in their normal state do not present an inhalation or ingestion hazard.**

**DANGER! GLASS DUST/FUME IS TOXIC IF INHALED. GLASS DUST/FUME/FUME IS A CARCINOGEN. GLASS DUST/FUME IS A SEVERE IRRITANT TO THE EYES AND RESPIRATORY TRACT.**



**Causes Lung, Skin, Kidney and Bladder Cancer**

Contains Crystalline Silica (Quartz), Arsenic, Cadmium, Nickel and Titanium



**Acute toxicity**

Eye, skin and respiratory tract irritant

**PRECAUTIONARY INFORMATION:** HANDLE SO AS TO PREVENT EYE AND LUNG CONTACT. UTILIZE APPROPRIATE PROTECTIVE CLOTHING OR EYE PROTECTION. AVOID THE GENERATION AND INHALATION OF DUST/FUME. WHEN DUST/FUME LEVELS EXCEED PELS, WEAR, AT A MINIMUM, AN APR WITH N-100 FILTER. DO NOT EAT, DRINK OR USE TOBACCO PRODUCTS IN AREAS WHERE THERE IS POTENTIAL EXPOSURE TO THIS MATERIAL. WASH HANDS THOROUGHLY AFTER HANDLING. PREVENT MATERIAL FROM BECOMING AIRBORNE.

IF SWALLOWED: Not Applicable.

FOR EYE OR SKIN CONTACT: Immediately rinse with water. If irritation persists seek medical attention.

See the SDS for further details regarding the safe use of this product.

### SECTION 2.2: LABEL INFORMATION:

**PRODUCT IDENTITY:** Messy Color & Ltd Runs



**Causes Lung, Skin, Kidney and Bladder Cancer**

Contains Crystalline Silica (Quartz), Arsenic, Cadmium, Nickel and Titanium



**Acute toxicity**

Harmful if swallowed

Eye, skin and respiratory tract irritant

**HAZARD STATEMENT: Please note that glass products in their normal state do not present an inhalation or ingestion hazard.** In the glass rod form this product is not hazardous. The dust/fume of this product contains an ingredient that is known to cause cancer. Quartz arsenic, cadmium, nickel and titanium cause lung cancer. Product dust/fume causes eye irritation. Product dust/fume causes skin irritation. Product dust/fume causes respiratory irritation.

**CAUTION:** Avoid contact with skin and eyes. Avoid generating and breathing dust/fume and mist. Use with adequate ventilation. Use eye and skin protection if there is potential for contact. Use, at a minimum, an APR with N-100 filters if dust/fume is generated. Wash thoroughly after use. Do not eat or drink product. If ingested seek immediate medical attention. Keep away from food products.

### EMERGENCY INFORMATION:

Eye Contact: Rinse with warm potable water for 15 minutes.

Skin Contact: Remove contaminated clothing and wash affected area. Rinse with warm water for 15 minutes.

Inhalation: Exit to fresh air. Support breathing as needed.

Ingestion: Rinse mouth.

Contact emergency personnel if medical issues need further treatment.

|                     |  |  |
|---------------------|--|--|
| Health = 2          | Hazardous Material Information System<br><br>PPE = E means safety glasses, protective gloves and appropriate respirator. | Creation is Messy (CiM)<br>PO Box 131<br>Lake Oswego, OR 97034 USA |
| Flammability = 0    |  |  |
| Physical Hazard = 0 |  |  |
| PPE = E             |  |  |

**SECTION 3 – HAZARDOUS INGREDIENTS INFORMATION:****HAZARDOUS COMPONENTS<sup>1</sup>:**

**Material as Provided:** These products, as supplied, consist of various components in a solid glass matrix that are non-hazardous. Coloring agents are used in small quantities. During the melting process coloring agents are bound to the glass. Each color varies in formulation and will consist of many, if not all of the ingredients listed. Note that the exact formulae for Messy Colors are trade secrets.

| <b>Chemical Identity;<br/>(Common Name)</b>  | <b>CAS NUMBER<sup>2</sup></b> | <b>SARA<sup>3</sup></b> | <b>OSHA PEL<sup>4</sup><br/>(mg/m<sup>3</sup>)</b> | <b>ACGIH TLV<sup>5</sup><br/>(mg/m<sup>3</sup>)</b> | <b>NOTES</b> | <b>PERCENT<sup>6</sup></b> |
|--|-------------------------------|-------------------------|--|---|--------------|----------------------------|
| Amorphous Silica                             | 69012-64-2                    |                         | 5.0  | ---   |              | >55                        |
| Sodium Oxide                                 | 1313-60-6                     |                         | 2.0  | 2.0 (C <sup>7</sup> )                               | As NaOH      | 0-20                       |
| Crystalline Silica (Quartz)                  | 14808-60-7                    |                         | 0.050  | 0.025 (R <sup>8</sup> )                             | Cancer       | Various                    |
| Erbium                                       | 12061-16-4                    |                         | 5.0 (R)<br>15.0 (T)                                |   |              | 0-40                       |
| Selenium                                     | 7782-49-2                     |                         | 0.2  | 0.2   |              | 0-20                       |
| Lead   | 7439-92-1                     |                         | 0.05   | 0.05  |              | 0-15                       |
| Cryolite (Na <sub>3</sub> AlF <sub>6</sub> ) | 15096-52-3                    |                         | 2.5  | ---   |              | 0-15                       |
| Neodymium Oxide                              | 1313-97-9                     |                         | ---  | ---   |              | 0-15                       |
| Potassium Chromate                           | 7789-00-6                     |                         | 0.1 (C)  | 0.0002  | Cancer       | 0-12                       |
| Potassium Oxide                              | 7440-09-7                     |                         | ---  | 2.0 (C)   | As KOH       | 0-12                       |
| Boron Oxide                                  | 1303-86-2                     |                         | 15.0 (T)   | 10.0  |              | 0-12                       |
| Zinc Oxide                                   | 1314-13-2                     |                         | 5.0 (R)<br>15.0 (T)                                | 2.0 (R)<br>10.0 (R,C)                               |              | 0-12                       |
| Nickel Oxide                                 | 1313-99-1                     |                         | 1.0  | 0.2   | Cancer       | 0-11                       |
| Sodium Hexafluoro silicate                   | 16893-85-9                    |                         | ---  | ---   |              | 0-11                       |
| Cobalt Oxide                                 | 1307-96-6                     |                         | 0.1  | 0.02  |              | 0-10                       |
| Manganese                                    | 7439-96-5                     |                         |  |   |              | 0-10                       |
| Respirable Fraction                          |                               |                         | 5.0 (C)  | 0.02 (R)  |              |                            |
| Inhalable                                    |                               |                         | ---  | 0.1   |              |                            |
| Titanium Dioxide                             | 13463-67-7                    |                         | 15.0   | 10.0  | Cancer       | 0-10                       |
| Cerium Oxide                                 | 1306-38-3                     | *                       | ---  | ---   |              | 0-9                        |
| Copper                                       | 1317-38-0                     |                         | 0.1  | 0.1   |              | 0-8                        |
| Iron   | 1309-37-1                     |                         | 10.0   | 5.0(R)  |              | 0-8                        |
| Phosphorous Oxide                            | 1314-56-3                     |                         | ---  | ---   |              | 0-8                        |
| Potassium Dichromate                         | 7778-50-9                     |                         | 0.1 (C)  | 0.0002  | Cancer       | 0-8                        |
| Oxygen Difluoride                            | 7783-41-7                     |                         | 0.1  | 0.11 (C)  |              | 0-7                        |
| Calcium Oxide                                | 1305-78-8                     |                         | 5.0  | 2.0   |              | 0-6                        |
| Aluminum Oxide                               | 1344-28-1                     |                         | 5.0 (R)<br>15.0 (T)                                | ---   |              | 0-5                        |
| Cadmium Oxide                                | 1306-19-0                     | *                       | 0.005  | 0.002   | Cancer       | 0-5                        |
| Calcium Fluoride                             | 7789-75-5                     | *                       | 2.5  | 2.5   | As F         | 0-5                        |
| Copper Sulfate                               | 7758-98-7                     |                         | 0.1  | 0.1   | As Cu        | 0-4                        |
| Chromium                                     | 7440-47-3                     | *                       | 1.0  | 0.5   |              | 0-4                        |
| Silver                                       | 7440-22-4                     |                         | 0.01   | 0.1   |              | 0-4                        |
| Silver Chloride                              | 7783-90-6                     |                         | 0.01   | 0.1   |              | 0-4                        |
| Silver Nitrate                               | 7761-88-8                     |                         | 0.01   | 0.1   |              | 0-4                        |
| Barium Sulfate                               | 7727-43-7                     |                         | 5 (R)<br>15 (T)                                    | 5   |              | 0-3                        |
| Potassium Carbonate                          | 6381-79-9                     |                         | ---  | ---   |              | 2-3.5                      |
| Potassium Nitrate                            | 7757-79-1                     |                         | ---  | ---   |              | 2.5                        |
| Photoluminescent pigment (MHG Series)        | 201426-52-0                   |                         | ---  | ---   |              | 0-2                        |
| Barium Oxide                                 | 1304-28-5                     |                         | 0.5  | 0.5   |              | 0-2                        |
| Lithium                                      | 7439-93-2                     |                         | ---  | ---   |              | 0-2                        |
| Gold   | 7440-57-5                     |                         | ---  | ---   |              | 0-2                        |
| Tin  | 7440-31-5                     |                         | 2.0  | 2.0   |              | 0-2                        |
| Sodium Nitrate                               | 7632-00-0                     |                         | ---  | ---   |              | <1.5                       |
| Arsenic Trioxide                             | 1327-53-3                     |                         | ---  | 0.01  | Cancer       | 0-1                        |
| Antimony                                     | 7440-36-0                     |                         | 0.5  | 0.5   |              | 0-0.3                      |

**Notes:**

- The term "Hazardous" is interpreted as defined in the OSHA Hazard Communication Standard (29 CFR 1910.1200). It does not imply the existence of a hazard. All potentially hazardous components are listed in this section when concentrations equal or exceed 0.1%.
- CAS is the Chemical Abstract Number.
- An asterisk (\*) indicates a toxic chemical subject to the EPA's reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (SARA) and 40 CFR Part 372.
- These permissible exposure levels (PELs) are based on OSHA's rulemaking (29 CFR 1910 Subpart Z).
- These values are based on the American Conference of Governmental Industrial Hygienists (ACGIH) TLVs.
- Approximate percent by weight values of product.
- C – Ceiling Limit
- R – Respirable Particulate. T – Total Particulate
- STEL – Short-Term Exposure Limit

**SECTION 4 – FIRST AID PROCEDURES:**

|                           |   |
|---------------------------|---|
| <b>Inhalation:</b>        | Exit to fresh air. Support breathing as needed. Seek medical attention if irritation persists.  |
| <b>Eyes:</b>              | Hold eyelids apart and flush eyes with plenty of warm water for at least 15 minutes. Seek medical attention if irritation persists.   |
| <b>Skin:</b>              | Remove contaminated clothing and wash affected area with plenty of soap and water for at least 15 minutes. If redness or irritation develops, seek medical attention. Discard or decontaminate clothing before reuse. |
| <b>Ingestion:</b>         | Material is classified as toxic. Do not induce vomiting. Immediately rinse mouth with plenty of milk or water. Never give anything by mouth to an unconscious person. Seek medical attention.                         |
| <b>Note to Physician:</b> | Potential dust/fume exposure to a moderately acid material and to a carcinogen. Product contains crystalline silica.  |

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

|  |  |
|--|--|
| <b>FLASHPOINT:</b>                         | NA. This product is not combustible. Significant airborne concentrations of dust/fume can create flammable/explosive conditions.   |
| <b>FLAMMABLE LIMITS:</b>                   | LEL: NA UEL: NA  |
| <b>EXTINGUISHING MEDIA:</b>                | Use extinguishing media appropriate for surrounding fire including CO2 or foam.  |
| <b>SPECIAL FIRE FIGHTING PROCEDURES:</b>   | Wear appropriate protection for the surrounding fire. When fighting chemical fires wear self-contained breathing apparatus and full protective clothing.<br>Do not release runoff to sewers and waterways. |
| <b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b> | None when wet. When subjected to heat, toxic gases containing aluminum oxide, silicon dioxide and metal oxides may be released.  |

**SECTION 6 – ACCIDENTAL RELEASE MEASURES:**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Product is not likely to be spilled. If an emergency spill occurs, contact spill response personnel.

**Caution:** Prevent material from spilling on floors. Glass may break and can cut skin. Protect skin from broken glass. Do not leave spills unattended. Barricade spill area until cleanup is complete. Avoid stepping in spilled material.

Small and large spills: Contain spilled material. Use wet methods and HEPA vacuums to prevent the generation of airborne dust/fume.

Clean moist residue with absorbents such as paper/cloth towels. Rinse with large amounts of water.

Where product is dry and may become airborne utilize appropriate personal protective equipment such as a NIOSH approved APR equipped with filters approved for particulates (P100), and protective clothing. Prevent the spread of the material and keep dust/fume levels to a minimum. Wet the dried material, scoop up, vacuum or mop the material, and place it into closed containers for disposal.

**WASTE DISPOSAL METHOD:** Product is not listed as a solid waste. Disposed as a regular waste.

**CERCLA REPORTABLE QUANTITY:** NA

**SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE AND STORAGE:**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Avoid eye and prolonged skin contact. Handle so as not to create airborne dust/fume. Keep floors clean and dry. Use only with adequate ventilation that keeps dust/fume/mist levels below the PEL. Avoid breathing dust/fume. Utilize appropriate NIOSH-approved respirator if dust/fume exposure is above PEL.

**OTHER PRECAUTIONS:** NA

**SECTION 8 – CONTROL MEASURES:****VENTILATION:**

**Local Exhaust:** To keep dust/fume levels below PEL.

**Mechanical:** To keep dust/fume levels below PEL.

**Special:** NA

**SAFETY STATIONS:** Provide emergency eyewash stations, safety/quick-drench showers and washing facilities.

**RESPIRATORY PROTECTION (Specify Type):** Provide and require the use of a NIOSH approved half-mask or full-face air-purifying respirator (APR) equipped with, at a minimum, N-100 filters, if dust/fume exposure above the OSHA PEL is likely. Additional protection (e.g., SCBA) may be required for emergencies or in designated areas (e.g., confined areas). APRs do not protect workers in oxygen deficient atmospheres.

**PROTECTIVE GLOVES:** Wear gloves capable of preventing skin contact.

**EYE PROTECTION:** Cover goggles are recommended in areas where airborne particulate is likely. Use safety glasses with side shields elsewhere.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** When excessive skin contact is likely wear protective aprons, boots and other clothing to prevent skin contact.

**WORK/HYGIENIC PRACTICES:** Practice good personal hygiene. Do not eat, drink or smoke in work areas. Wash face and hands prior to eating, drinking or other hand-to-mouth activities. Launder contaminated clothing before reuse.

**SECTION 9 – PHYSICAL/CHEMICAL CHARACTERISTICS:**

|                          |                    |  |             |
|--------------------------|--------------------|--|-------------|
| <b>BOILING POINT:</b>    | NA                 | <b>VAPOR DENSITY (Air = 1)</b>               | NA          |
| <b>MELTING POINT:</b>    | NA                 | <b>VAPOR PRESSURE (mm Hg):</b>               | NA          |
| <b>SPECIFIC GRAVITY:</b> | NA                 | <b>EVAPORATION RATE (Butyl Acetate = 1):</b> | NA          |
| <b>pH:</b>               | NA                 | <b>SOLUBILITY IN WATER:</b>                  | Not soluble |
| <b>APPEARANCE:</b>       | Colored Glass Rods | <b>ODOR THRESHOLD:</b>                       | No Odor     |

**SECTION 10 – STABILITY AND REACTIVITY:**

|  |                          |          |                 |
|--|--------------------------|----------|-----------------|
| <b>STABILITY: Conditions to Avoid:</b>       | <b>Stable:</b>           | <b>X</b> | <b>Unstable</b> |
| <b>INCOMPATIBILITY (Materials to Avoid):</b> | None                     |          |                 |
| <b>HAZARDOUS POLYMERIZATION:</b>             | NA                       |          |                 |
| <b>Conditions to Avoid:</b>                  | Will not occur           |          |                 |
| <b>DECOMPOSITION PRODUCTS:</b>               | Metal oxides and quartz. |          |                 |

**SECTION 11 – HEALTH HAZARD DATA (TOXICOLOGY):**

|                           |                    |     |                          |     |                   |          |
|---------------------------|--------------------|-----|--------------------------|-----|-------------------|----------|
| <b>ROUTE(S) OF ENTRY:</b> | <b>Inhalation:</b> | Yes | <b>Skin/Eye Contact:</b> | Yes | <b>Ingestion:</b> | Unlikely |
|---------------------------|--------------------|-----|--------------------------|-----|-------------------|----------|

**HEALTH HAZARDS (Acute and Chronic):** Please note that under normal conditions of use glass rods are not hazardous. However, glass dust/fume and fume may be hazardous to humans.

**Acute (Short-Term Effects):**

|                      |   |
|----------------------|---|
| <b>Inhalation:</b>   | Respiratory tract irritation. Exposure to airborne particulate may cause coughing and shortness of breathe. May be an irritant to the respiratory tract. Inhalation of dust/fume may lead to a gradual decline in pulmonary function. |
| <b>Skin Contact:</b> | Material is an irritant to the skin.<br>This product is an eye irritant.  |
| <b>Eye Contact:</b>  | Eye irritation from direct contact with dust/fume.  |

**Chronic (Long-Term Effects):** Repeated and prolonged inhalation of dust/fume may cause impaired lung function. Over-exposure to dust/fume may cause pneumoconiosis (lung inflammation) and lung cancer. Toxic health effects of metals possible from prolonged and repeated over-exposure. Smoking aggravates the effects of excessive dust/fume exposure.

The dust/fume of this material is carcinogenic. Crystalline Silica (Quartz), Arsenic, Cadmium, Nickel, Potassium Chromates and Titanium can cause lung disease including cancer. Studies show that exposure to these metals are associated with the increased incidence of lung cancer. Additionally, arsenic can cause liver, bladder, kidney, and skin cancer. Studies show that exposure to respirable crystalline silica or may be associated with the increased incidence of autoimmune disorders such as scleroderma (thickening of the skin), systemic lupus erythematosus, rheumatoid arthritis and diseases affecting the kidneys. Silicosis increases the risk of tuberculosis. Studies show an increased incidence of chronic kidney disease and end-stage renal disease in workers exposed to respirable crystalline silica.

**CARCINOGENICITY:** **NTP:** Yes\* **IARC:** Yes\* **OSHA REGULATED:** Yes\*

- \* This product contains an ingredient that is designated as either a carcinogen or potential carcinogen by IARC, NTP, or OSHA. Crystalline Silica (Quartz), Arsenic, Cadmium, Nickel, Potassium Chromates and Titanium are listed as a carcinogen in the National Toxicology Program (NTP) Annual Report on Carcinogens, in the International Agency for Research on Cancer (IARC) Monographs
- \* **WARNING:** This product contains or produces a chemical known to the State of California and other states, if applicable, to cause cancer. This product contains Crystalline Silica (Quartz), Arsenic, Cadmium, Nickel, Potassium Chromates and Titanium, which are known to cause lung cancer.

**SIGNS AND SYMPTOMS OF EXPOSURE:** Skin or eye irritation, respiratory tract irritation, coughing. Material may cause dry skin, discomfort, and irritation.  
Breathing dust/fume may cause nose, throat or lung irritation, including choking, depending on the degree of exposure.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Individuals with lung disease (e.g. bronchitis, emphysema, COPD, pulmonary disease) can be aggravated by exposure.

**SECTION 12 – ECOLOGICAL INFORMATION:**

No data available for this material.

**SECTION 13 – DISPOSAL CONSIDERATIONS:**

**WASTE DISPOSAL METHOD:** Disposal may be regulated by local, state, and/or federal regulations. Comply with applicable regulations.

**SECTION 14 – TRANSPORTATION INFORMATION:**

**DOT Information:** Not regulated by DOT or the Canada TDG regulations

**SECTION 15 – REGULATORY INFORMATION:**

|   |   |
|---|---|
| <b>OSHA Hazard Communication Standard</b>                 | 29 CFR 1919.1200                                      |
| <b>OSHA PELs</b>  | 29 CFR 1910.1000                                      |
| <b>OSHA Respiratory Protection</b>                        | 29 CFR 1910.134                                       |
| <b>EPA SARA Section 311/312</b>                           | EPA Hazard Category: Fire Hazard, Acute Health Hazard |
| <b>EPA SARA Section 302, 304, 313 and 40 CFR Part 372</b> | Not Reportable  |
| <b>EPA TSCA</b>   | Listed  |
| <b>EPA CERCLA, CAA CWA</b>                                | Not Listed  |
| <b>EPA Waste Disposal Regulations</b>                     | Not Listed  |
| <b>Canada WHIMS</b>                                       | Not Listed  |
| <b>Canada EPA</b>   | On the DSL List                                       |
| <b>Canadian Domestic Substance List:</b>                  | Yes   |

**SECTION 16 – OTHER INFORMATION AND DISCLAIMER:**

This Safety Data Sheet (SDS) was prepared to comply with the UN Globally Harmonized System of Classification and Labeling of Chemicals (GHS). This SDS also complies with the OSHA Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Controlled Products Regulation.

The information contained within this SDS is based on data believed to be correct and reliable. All information appearing within this SDS is based upon data obtained from suppliers of the raw materials. While the information is believed to be accurate, Creation is Messy makes no representation as to its accuracy or sufficiency. No guarantee or warranty is expressed or implied regarding the accuracy of this data and information contained herein. Creation is Messy expressly disclaims all expressed or implied warranties for merchantability and fitness for a particular purpose, with respect to the product or information provided herein.

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**Abbreviations:**

|        |  |       |   |
|--------|--|-------|---|
| ACGIH  | American Conference of Governmental Industrial Hygienists                    | NIOSH | National Institute for Occupational Safety and Health |
| APR    | Air-Purifying Respirator   | NTP   | National Toxicology Program                           |
| CERCLA | Comprehensive Environmental Response, Compensation and Liability Act of 1980 | OSHA  | Occupational Safety and Health Administration         |
| CAA    | Clean Air Act  | PEL   | Permissible Exposure Limit                            |
| CAS#   | Chemical Abstract Number   | PIN   | Product Identifier Number                             |
| CFR    | Code of Federal Regulations  | PPE   | Personal Protective Equipment                         |
| CWA    | Clean Water Act  | RFC   | Refractory Ceramic Fibers                             |
| DOT    | Department of Transportation   | RCRA  | Resource Conservation and Recovery Act                |
| EPA    | Environmental Protection Agency  | RQ    | Reportable Quantity                                   |
| HEPA   | High Efficiency Particulate Air  | SARA  | Superfund Amendments and Reauthorization Act          |
| HMIS   | Hazardous Material Information System  | SDS   | Safety Data Sheet                                     |
| IARC   | International Agency for Research on Cancer                                  | STEL  | Short-Term Exposure Limit                             |
| IDLH   | Immediately Dangerous to Life and Health                                     | TLV   | Threshold Limit Value                                 |
| IMDG   | International Maritime Dangerous Goods Code                                  | TSCA  | Toxic Substance Control Act                           |
| LEL    | Lower Explosive Limit  | TWA   | Time-Weighted Average                                 |
| NA     | Not Applicable   | UEL   | Upper Explosive Limit                                 |
| NE     | Not Established  | UN    | United Nations  |
|        |  | WHIMS | Workplace Hazardous Materials Information System      |

Date Prepared: 06/09/2022

Messy Color & LTD Runs 2022