



01282-XXXX

Safety Data Sheet

1. COMPANY AND PRODUCT IDENTIFICATION

Duncan Enterprises
5673 East Shields Avenue
Fresno, CA 93727
559-291-4444
559-291-9444 (Fax)
www.duncan.com
www.tulipcolor.com




EMERGENCY TELEPHONE NUMBERS

Health Emergencies:
559-291-4444 7:00 am – 3:30 pm Pacific Std. Time
Spill and Off-Hour Health Emergencies:
800-424-9300 U.S. and Canada
703-527-3887 Outside U.S. and Canada (Collect)

Product Name: Tulip ColorShot Instant Fabric Color
Product Description: Fabric aerosol spray paint, permanent and washable.
Restrictions: For use on fabrics. No known restrictions.

Colors: Bubblegum Pink, Neon Pink, Pink, Red, Coral, Neon Orange, Lemonade, Yellow, Neon Green, Green, Teal, Mint, Neon Blue, Blue, Purple, Aubergine, Brown, Black, White, Natural Glow, Emerald Shimmer, Espresso Shimmer, Rose Gold Shimmer, Gray, Pewter Shimmer, Sapphire Shimmer, Silver Shimmer/Metallic, Gold Shimmer/Metallic, Gold Glitter, Silver Glitter

2. HAZARDS IDENTIFICATION

| | |
|---|--|
| Classification (GHS): | Flammable Aerosol 2 Skin Irritant 2 Eye Irritant 2 Gases Under Pressure - Compressed gas |
| Health & Physical Hazard Statement(s): | Flammable Aerosol. Causes skin irritation. Causes serious eye irritation. Pressurized container: may burst if heated |
| Other Hazards not classified: | None. |
| Signal Word: | Warning |
| Precautionary Statement(s): | If medical advice is needed, have product container or label at hand. Keep out of reach of children. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Wear protective gloves/protective clothing/eye protection/face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. |
| Pictogram(s) by GHS: |    |

3. COMPOSITION / INFORMATION ON INGREDIENTS

Detailed formulation is submitted by the client and it is proprietary information.

Reportable ingredients (if applicable):

| Identity/Synonym | CAS Number: | Percentage/Range*: |
|----------------------|-------------|--------------------|
| Ethyl Alcohol | 64-17-5 | 30 - 60 |
| Dimethyl Ether | 115-10-6 | 15 - 30 |
| Carboxypolymethylene | 9003-01-4 | 10 - 30 |
| Copper | 7440-50-8 | 5 - 10 |
| Titanium Dioxide | 13463-67-7 | 1 - 10 |
| Carbon Black | 1333-86-4 | 5 - 10 |
| Aluminum | 7429-90-5 | 5 - 10 |

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*The exact percentage (concentration) of composition is withheld as a trade secret.

4. FIRST AID MEASURES

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| On Inhalation: | If breathing is difficult, seek fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell. |
| On Skin Contact: | In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops or persists. |
| On Eye Contact: | In case of contact, immediately flush skin with plenty of water. If easy to do, remove contact lenses, if worn. If irritation persists, get medical attention. |
| On Ingestion: | If swallowed, do NOT induce vomiting unless direct to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell. |
| Acute/Delayed Symptoms: | May cause respiratory tract irritation. Intentional inhalation may cause respiratory irritation and central nervous system effects (headache, dizziness). Causes skin irritation. Symptoms may include redness, edema, drying, defatting, and cracking of the skin. Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. May be harmful if swallowed. May cause stomach distress, nausea or vomiting. |
| Medical Advice: | Seek medical advice immediately if you feel unwell. |
| Note to Physician: | Treat symptomatically and supportively. |

5. FIREFIGHTING MEASURES

| Extinguishing Media | |
|---|--|
| Suitable extinguishing media: | Dry powder, carbon dioxide, BCF, sand. |
| Unsuitable extinguishing media: | Do not use water jet. |
| Protection of Firefighters | |
| Specific hazards arising from the chemical: | Products of combustion may include, and are not limited to: oxides of carbon. Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries. |
| Special procedures/equipment for firefighters: | Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination. This material is a water pollutant. Notify authorities if liquid enters sewers or public waters. |
| Hazardous combustion Products: | Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns or injuries. |

6. ACCIDENTAL RELEASE MEASURES

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| Emergency Containment procedures: | Use personal protection recommended in Section 8 of this SDS. Isolate the hazard and deny entry to unnecessary and unprotected personnel. Eliminate sources of ignition. Ruptured cylinders may rocket. |
| Environmental Precautions, if any: | This material is a water pollutant. Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination. Notify authorities if liquid enters sewers or public waters. |
| Methods for Cleaning Up: | Scoop up material and place in a disposal container. Flush off any remaining material with soapy water |
| Personal Protective Equipment: | See section 8 of this SDS. |



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7. HANDLING AND STORAGE

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| Safe Storage: | Keep out of reach of children. Do not expose to temperatures exceeding 50°C/122°F. Store away from direct sunlight or other heat sources. |
| Safe Handling: | Keep away from sources of ignition—no smoking. Pressurized container. Do not pierce or burn, even after use. Containers may explode when heated. Avoid contact with skin and eyes. Avoid breathing vapor or mist. Do not swallow. Do not spray on an open flame or other ignition source. Handle and open container with care. When using, do not eat, drink or smoke. |
| Known Incompatibilities: | Heat, ignition sources. |

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Occupational Exposure Limits:

| Chemical Name | TLV (ACGIH) | PEL (OSHA) | REL (NIOSH) |
|------------------|--|--|---|
| Ethyl Alcohol | 1,000 ppm (1,880 mg/m3) STEL | TWA 1000 ppm (1900 mg/m3) | TWA 1000 ppm (1900 mg/m3) |
| Titanium Dioxide | 10 mg/m3 TWA; Appendix A4 - Not Classifiable as a Human Carcinogen | 15 mg/m3 TWA | 5,000 mg/m3 |
| Carbon Black | TWA 3.5 mg/m3 (inhalable particulate matter) | TWA 3.5 mg/m3 | TWA 3.5 mg/m3 Ca TWA 0.1 mg |
| Aluminum | No available data. | TWA 15 mg/m3 (total) TWA 5 mg/m3 (resp) | TWA 10 mg/m3 (total) TWA 5 mg/m3 (resp) |
| Copper | TWA 0.2 mg/m3 (fume), 1 mg/m3 (dusts & mists, as Cu) | TWA 1 mg/m3 | TWA 1 mg/m3 [*Note: The REL also applies to other copper compounds (as Cu) except Copper fume.] |

Appropriate Engineering Controls: Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

Individual Protection measures, such as PPE (Personal Protective Equipment):

| Personal Protection Equipment: | |
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| Respiratory Protection: | In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. |
| Eye Protection: | Wear eye protection. |
| Hand Protection: | Wear chemically resistant protective gloves. |
| Skin Protection: | Wear suitable protective clothing. |
| Thermal Protection: | No data. |
| General Safety and Hygiene Measures: | Do not eat, smoke, or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices. |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-----------------------------------|------------------------|
| Physical State/Appearance: | Gas/Pressurized Liquid |
| Color: | Various |
| Odor: | Aerosol |
| Odor Threshold: | No data available. |
| pH: | No data available. |
| Boiling Point/Range: | >43°C (>109.4°F) |
| Melting Point/Range: | No data available. |

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| Flash Point: | 0°C (32°F) |
| Evaporation Rate: | No data available. |
| Vapor Density: | No data available. |
| Solubility(ies): | No data available. |
| Vapor Pressure: | No data available. |
| Relative Density: | 0.92 – 1.03 |
| Viscosity: | Dynamic:218 cP (in liquid form) |
| Partition Coefficient (n-octanol/water), if applicable: | No data available. |
| Explosive Properties: | No data available. |
| Flammability: (Solid, gas) | Flammable aerosol. |
| Flammability Limit in Air: Upper/Lower | No data available. |
| Autoignition temperature: | No data available. |
| Decomposition temperature: | No data available. |
| Physical State/Appearance: | Gas/Pressurized Liquid |

10. STABILITY AND REACTIVITY

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| Chemical Stability: | Stable under normal storage conditions. Flammable aerosol. Contents under pressure. Container may explode if heated. Do not puncture. Do not burn. Keep in a cool place. |
| Conditions to Avoid: | Heat. Direct sunlight. Extreme temperatures. Moisture. Incompatible materials. |
| Incompatible Materials: | Strong acids. Water. |
| Hazardous Decomposition Products: | May include, and are not limited to: oxides of carbon. |
| Possibility of Hazardous Reactions/Polymerization: | No dangerous reaction known under conditions of normal use. |

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

| | |
|--|---|
| Eye Contact –Serious Eye Damage or Irritation | Causes serious eye irritation. |
| Skin Contact – Skin Corrosion, Sensitization or Irritation: | Causes skin irritation. |
| Ingestion – Carcinogenicity/Aspiration Hazard: | Based on available data, the classification criteria are not met. |
| Inhalation – Respiratory Sensitization/Toxicity: | Based on available data, the classification criteria are not met. |
| Symptoms of exposure: | Skin or eye irritation. Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (Show the label or SDS where possible). |
| Information on toxicological effects: | No data available. |
| Delayed or Immediate effects: | Based on available data, the classification criteria are not met. |
| Germ Cell Mutagenicity: | Based on available data, the classification criteria are not met. |
| Specific target organ toxicity (single exposure): | Based on available data, the classification criteria are not met. |

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|---|---|
| Specific target organ toxicity (repeated exposure): | Based on available data, the classification criteria are not met. |
| Chemicals listed on NTP, IARC or OSHA as a Carcinogen: | None listed. |

| Chemical Name: | Oral LD50 | Dermal LD50. | Inhalation LC50 |
|-----------------------|---|-----------------------------|--|
| Ethyl Alcohol | 5560mg/kg guinea pig 3450mg/kg mouse 6300mg/kg rabbit 7060mg/kg (7060mg/kg) rat | No available data. | 39gm/m3/4H (39000mg/m3) - mouse 20000ppm/10H (20000ppm) - rat |
| Dimethyl ether | No available data. | No available data. | 308gm/m3 (308000mg/m3) rat |
| Carboxypolymethylene | 2gm/kg (2000mg/kg) guinea pig 4600mg/kg (4600mg/kg) mouse 2500mg/kg (2500mg/kg) rat | No available data. | No available data. |
| Carbon Black | > 15400mg/kg (15400mg/kg) rat | > 3gm/kg (3000mg/kg) rabbit | No available data. |

*Estimates for product may be based on additional component data not shown.

12. ECOLOGICAL INFORMATION (NON-MANDATORY)

| | |
|---------------------------------------|--------------------------------------|
| Ecotoxicity: | No relevant data. |
| Persistence and degradability: | Not established. |
| Bioaccumulative potential: | Not established. |
| Mobility in soil: | No additional information available. |
| Other adverse effects: | No additional information available. |

13. DISPOSAL CONSIDERATIONS (NON-MANDATORY)

| | |
|------------------------------------|---|
| Disposal instructions: | This material must be disposed of in accordance with all local, state, provincial and federal regulations. The generation of waste should be avoided or minimized wherever possible. Flammable vapors may accumulate in the container. Do not incinerate closed containers. |
| Local disposal regulations: | See above. |
| EPA waste code(s): | No data. |
| Contaminated packaging: | Dispose of in accordance with all local, state, provincial and federal regulations. |

14. TRANSPORTATION INFORMATION (NON-MANDATORY)

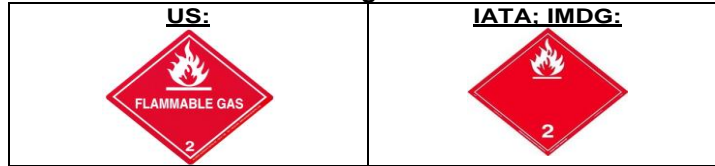
| | DOT | IMDG | IATA |
|--|---|------------------------|------------------------|
| UN/ID number: | 1950 | 1950 | 1950 |
| Proper shipping name: | Aerosols; Flammable | Aerosols; Flammable | Aerosols; Flammable |
| Transport hazard class: | 2.1 | 2.1 | 2.1 |
| Packing group (if applicable): | Not applicable | Not applicable | Not applicable |
| Environmental Provisions: | - | - | - |
| Special Precautions in transport: | Ship in limited quantities: <ul style="list-style-type: none"> Passenger aircraft/rail: 75 kg Cargo aircraft only: 150 kg Vessel stowage: <ul style="list-style-type: none"> Location A – on or under deck on a cargo vessel or on a | | |



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| | passenger vessel. • 25 – Protect from sources of heat. • 87 – Stow separated from Class 1 (explosives) except Division 1.4. |
| Transport in bulk according to Annex II of MARPOL 73/78 and IBC Code | None |
| Emergency Response Guide Number: No data. | EmS-No: No data. |

Pictograms



15. REGULATORY INFORMATION (NON-MANDATORY)

| US Federal Regulations: | | | | | |
|--|-------------|--|------------------------------|---|---|
| TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D): | | This product is manufactured in compliance with all provisions of the Toxic Substance Control Act, 15 U.S. C.2601 et. Seq. | | | |
| CERCLA (Superfund) reportable quantity (lbs.) (40 CFR 302.4) | | No known reportable CERCLA chemicals. | | | |
| OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050): | | OSHA Specifically Regulated Substances are listed in Section 8 of SDS, Occupational exposure limits | | | |
| Section 302 (EHS) Extremely Hazardous Substance (40 CFR 355, Appendix A): | | No known Section 302 EHS chemicals. | | | |
| Chemical Name: | CAS Number: | Reportable Quantity: | Threshold planning quantity: | Threshold planning quantity, lower value: | Threshold planning quantity, upper value: |
| None | X | X | X | X | X |
| Superfund Amendments and Reauthorization Act of 1986 (SARA) | | | | | |
| SARA/Title III: | | This product does not contain any substances at or above the reported threshold under Section 313, based on available data. OR list substances with category code. | | | |
| SARA 304 Emergency release notification: | | No chemicals subject to notification. | | | |
| SARA 311/312 (40 CFR 370) Hazardous Chemical: | | No data. | | | |
| SARA 313 (TRI reporting): | | <u>Chemical Name:</u> None | <u>CAS Number:</u> - | <u>% by wt.</u> - | |
| Drug Enforcement Administration (DEA) (21 CFR 1308.11-15): | | No data. | | | |
| Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (Haps) List: | | No known CAA Section 112 chemicals. | | | |
| Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130): | | Not applicable. | | | |
| Safe Drinking Water Act (SDWA): | | No data. | | | |
| Canadian Domestic Substances List (DSL): | | Based on available data, chemical substances are listed on the DSL. | | | |
| Toxicological Review: | | Our products certified by a nationally recognized toxicologist to contain no materials in sufficient quantities to be toxic, cause injury, acute or chronic health problems to humans. Products are labeled in accordance with all applicable state and federal regulations including, but not limited to consumer product | | | |



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| | safety standards. |
| California Proposition 65 Warning: | No special warning required under the provisions of California Proposition 65. |
| EPA Clean Air / Water Act: | No data. |
| EPA Hazardous Wastes: | No known EPA hazardous chemicals. |
| HMIS III Rating: | No data. |
| Unless a concentration is specified in Section 2 of the SDS, the above chemical(s) are present in trace amounts. | |

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s).



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16. OTHER INFORMATION

The recommendations and information contained in this SDS are compiled from sources believed to represent the most current information available when the SDS was prepared. However, the manufacturer / distributor of this product do not provide any warranty, guaranty of representation as to the correctness or sufficiency of this information. If this material is used in large amounts and/or an unusual manner, the user is obliged to determine what safety measures are appropriate, including the applicable and relevant workplace and environmental regulations pertaining to handling, use and disposal.

Table of Abbreviations

| | | | |
|----------------|--|-----------------|---|
| ACGIH: | American Conference of Governmental Industrial Hygienists | LD: | Lethal Dose |
| ANSI: | American National Standards Institute | MARPOL: | Marine Pollution |
| ASTM: | American Society for Testing Materials | mg / kg: | Milligram per Kilogram |
| °C: | Degrees Centigrade | mm: | Millimeter |
| CAA: | Clean Air Act | MSHA: | Mine Safety and Health Administration |
| CAS: | Chemical Abstract Service | N/A: | Not Applicable |
| CERCLA: | Comprehensive Environmental Response, Compensation & Liability Act | NFPA: | National Fire Protections Association |
| CFR: | Code of Federal Regulations | NIOSH: | National Institute for Occupational Safety and Health |
| CPR: | Controlled Products Regulations | NTP: | National Toxicology Program |
| DEA: | Drug Enforcement Act | OEL: | Over Exposure Limit |
| DOT: | Department of Transportation | OSHA: | Occupational Safety and Health Administration |
| DSL: | Canadian Domestic Substances List | PEL: | Permissible Exposure Limits |
| EMS: | Emergency Medical Goods Services | ppm | Parts Per Million |
| EPA: | Environmental Protection Agency | SARA | Superfund Amendment and Reauthorization Act |
| °F: | Degrees Fahrenheit | STEL | Short-Term Exposure Limit |
| FDA: | Food & Drug Administration | SDS: | Safety Data Sheet |
| g/l: | Grams per Liter | SDWA: | Safe Drinking Water Act |
| HAPs: | Hazardous Air Pollutants | TLV: | Threshold Limit Value |
| Hg: | Mercury | TRI: | Toxics Release Inventory |
| HMIS: | Hazardous Materials Identification System | TSCA | Toxic Substances Control Act |
| HNOC: | Hazard(s) Not otherwise classified | TWA | Time – Weighted Average |
| IARC: | International Agency for Research on Cancer | U.N. | United Nations |
| IATA: | International Air Transport Association | WHMIS | Workplace Hazardous Materials Information System |
| ID: | Identification / Identity | > | Greater Than |
| IDLH: | Immediate Danger to Life or Health | < | Less Than |
| IMDG: | International Maritime Dangerous Goods | 73/78: | 1973 & 1978 |
| LC: | Lethal Concentration | | |

| Version: | Date: | Version: | Date: |
|----------|---------------------------|----------|--------------|
| 1 | Created: 11/20/2014 - DJC | 6 | 3/23/18 – sp |
| 2 | 9/16/2015-sp | 7 | 3/27/2018-sp |
| 3 | 6/28/2017-jl | 8 | 2/17/2020 |
| 4 | 9/6/2017-sp | | |
| 5 | 10/27/17-sp | | |

END SAFETY DATA SHEET