

Material Safety Data Sheet

Product Name: CRAYOLA® GEL-FX MARKERS

Product Family:

1. Chemical Product and Company Identification

Material Name: CRAYOLA® GEL-FX MARKERS

CRAYOLA LLC Phone: (800) 272-9652

1100 Church Lane

Easton, PA 18044

Emergency # (800) 535-5053 or call local POISON CONTROL CENTER

Synonyms

CRAYOLA GEL-FX MARKERS; CRAYOLA GEL FX 8-COUNT BROADLINE MARKERS, 24 PACK; CRAYOLA WINDOW MEGA WASHABLE MARKERS; CRAYOLA XL WINDOW WRITERS WASHABLE MARKERS (CANADA); METALLIC MARKERS; CRAYOLA METALLIC MARKERS; PRODUCT CODES/COLORS: 58-8163; 58-8173 POSTER MARKERS; 58-8212; 48-8163-0-074 BLUE, 088 GREEN, 069 MAGENTA, 040 PURPLE, 010 ROSE, 072 SLATE, 053 WHITE, 034 YELLOW, GOLD, LIGHT BLUE, METALLIC GREEN, BROWN, ORANGE, METALLIC PINK, SILVER, BIG YELLOW BOX RADICAL ROOM, BLACK (78-1380-0-000); MY OWN ROCKING CHAIR (78-1130-0-000); BIG YELLOW BOX TIME WELL KEPT-PRINTED DESIGN (78-1320-0-000, 78-1320-0-001); TIME WELL KEPT-GREEN CANVAS (78-1360-0-000, 78-1360-0-001); RADICAL ROOM, BLACK (78-1380-0-000); RADICAL ROOM, WHITE (78-1390-0-000)

Product Use

Arts and Crafts

2. Hazards Identification

EMERGENCY OVERVIEW

Color: various colors

Physical Form: article containing liquid

Odor: odorless

POTENTIAL HEALTH EFFECTS

Inhalation: none

Skin Contact: none

Eye Contact: none

Ingestion: none

3. Composition, Information on Ingredients

CAS	Component	Percent	Symbol(s)	Risk Phrase(s)
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Not Available Product has been certified as non-toxic by the art and creative materials institute, inc. and conforms to astm D-4236 standard practice for labeling art materials for acute and chronic adverse health hazards.

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4. First Aid Measures

Inhalation

It is unlikely that emergency treatment will be required. Remove from exposure. Get medical attention, if needed.

Skin

It is unlikely that emergency treatment will be required. If adverse effects occur, wash with soap or mild detergent and large amounts of water. Get medical attention, if needed.

Eyes

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It is unlikely that emergency treatment will be required. Wash with large amounts of water or normal saline until no evidence of chemical remains (at least 15-20 minutes). Get medical attention immediately.

Ingestion

Contact local poison control center or physician immediately.

5. Fire Fighting Measures



NFPA Ratings: Health: 1 Fire: 1 Reactivity: 0

See Section 9 for Flammability Properties

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

Flammable Properties

Slight fire hazard.

Extinguishing Media

regular dry chemical, carbon dioxide, water, regular foam

Fire Fighting Measures

Move container from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products.

6. Accidental Release Measures

Occupational spill/release

Absorb with sand or other non-combustible material. Collect spilled material in appropriate container for disposal.

7. Handling and Storage

Storage Procedures

Store and handle in accordance with all current regulations and standards. See original container for storage recommendations. Keep separated from incompatible substances.

8. Exposure Controls, Personal Protection

Component Exposure Limits

ACGIH and EU have not developed exposure limits for any of this product's components.

Ventilation

Based on available information, additional ventilation is not required.

PERSONAL PROTECTIVE EQUIPMENT

Eyes/Face

Eye protection not required under normal conditions.

Protective Clothing

Protective clothing is not required under normal conditions.

Glove Recommendations

Protective gloves are not required under normal conditions.

Respiratory Protection

No respirator is required under normal conditions of use.

9. Physical and Chemical Properties

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Physical State: Liquid Appearance: Not available
Color: various colors Physical Form: article containing liquid
Odor: odorless Odor Threshold: Not available
pH: Not available Melting Point: Not available
Boiling Point: Not available Flash Point: 100 °C (ink)
Evaporation Rate: Not available OSHA Flammability Class: III B
Vapor Pressure: Not available Vapor Density (air = 1): Not available
Density: Not available Specific Gravity (water = 1): 1.02 - 1.06 (ink)
Water Solubility: soluble Coeff. Water/Oil Dist: Not available
Viscosity: 2.0 - 7.0 cP (ink) Volatility: Not available

10. Stability and Reactivity

Chemical Stability
Stable at normal temperatures and pressure.
Conditions to Avoid
None reported.
Materials to Avoid
oxidizing materials
Decomposition Products
oxides of carbon
Possibility of Hazardous Reactions
Will not polymerize.

11. Toxicological Information

Component Analysis - LD50/LC50
The components of this material have been reviewed in various sources and no selected endpoints have been identified.
RTECS Acute Toxicity (selected)
The components of this material have been reviewed and RTECS publishes no data as of the date on this document.
Component Carcinogenicity
None of this product's components are listed by ACGIH, IARC, or DFG.
RTECS Irritation
The components of this material have been reviewed and RTECS publishes no data as of the date on this document.

12. Ecological Information

Component Analysis - Aquatic Toxicity
No LOLI ecotoxicity data are available for this product's components.

13. Disposal Considerations

Disposal Methods
Dispose in accordance with all applicable regulations.
Component Waste Numbers
The U.S. EPA has not published waste numbers for this product's components.

14. Transport Information

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US DOT Information
No Classification assigned.
TDG Information
No Classification assigned.
ADR Information
No Classification assigned.
ADR Tunnel Code Restrictions
No information is available.
RID Information
No Classification assigned.
IATA Information
No Classification assigned.
ICAO Information
No Classification assigned.
IMDG Information
No Classification assigned.

15. Regulatory Information

U.S. Federal Regulations

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 311/312 (40 CFR 370.21), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), or require an OSHA process safety plan.

SARA Section 311/312 (40 CFR 370 Subparts B and C)

Acute Health: No Chronic Health: No Fire: No Pressure: No Reactive: No

U.S. State Regulations

None of this product's components are listed on the state lists from CA, MA, MN, NJ, PA, or RI.

Not regulated under California Proposition 65

Canada

Component Analysis - Inventory

No information is available.

16. Other Information

Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; RID - European Rail Transport; RTECS - Registry of Toxic Effects of Chemical Substances®; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States

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