

## Material Safety Data Sheet

**Product Name:** CRAYOLA(R) GEL-FX MARKERS

**Product Family:**

### 1. Chemical Product and Company Identification

BINNEY & SMITH  
1100 CHURCH LANE  
EASTON, PA 18044  
1-800-272-9652

EMERGENCY TELEPHONE NUMBER:  
1-800-535-5053  
or call local POISON CONTROL CENTER

SUBSTANCE: CRAYOLA(R) GEL-FX MARKERS

TRADE NAMES/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: 58-8163-0-000; 58-8212; 48-8163-0-074 BLUE; 48-8163-0-088 GREEN;  
48-8163-0-069 MAGENTA; 48-8163-0-040 PURPLE; 48-8163-0-010 ROSE; 48-8163-0-072  
SLATE; 48-8163-0-053 WHITE; 48-8163-0-034 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); 00227224

PRODUCT USE: Arts and Crafts

CREATION DATE: Aug 13 2001

REVISION DATE: Sep 16 2004

### 2. Composition, Information on Ingredients

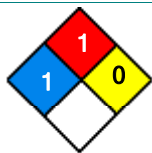
COMPONENT: Product has been certified as non-toxic by The Art and Creative  
Materials Institute, Inc. and conforms to ASTM D-4236 Standard Practice for  
Labeling Art Materials for Acute and Chronic Adverse Health Hazards.

CAS NUMBER: Not assigned.

EC NUMBER: Not assigned.

PERCENTAGE: 100

### 3. Hazards Identification



NFPA RATINGS (SCALE 0-4): HEALTH=1 FIRE=1 REACTIVITY=0

EMERGENCY OVERVIEW:

COLOR: various colors

PHYSICAL FORM: article containing liquid

ODOR: odorless

MAJOR HEALTH HAZARDS: No significant target effects reported.

POTENTIAL HEALTH EFFECTS:

INHALATION:

none

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SKIN CONTACT:

none

EYE CONTACT:

none

INGESTION:

none

CARCINOGEN STATUS:

OSHA: No

NTP: No

IARC: No

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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 CONTACT: 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.

EYE CONTACT: 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.

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### 5. Fire Fighting Measures

FIRE AND EXPLOSION HAZARDS: Slight fire hazard.

EXTINGUISHING MEDIA: regular dry chemical, carbon dioxide, water, regular foam

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

FLASH POINT: 212 F (100 C) (ink)  
FLAMMABILITY CLASS (OSHA): IIIB

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### 6. Accidental Release Measures

OCCUPATIONAL RELEASE:

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

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### 7. Handling and Storage

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

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### 8. Exposure Controls, Personal Protection

EXPOSURE LIMITS:

CRAYOLA(R) GEL-FX MARKERS:

No occupational exposure limits established.

VENTILATION: Based on available information, additional ventilation is not required.

EYE PROTECTION: Eye protection not required under normal conditions.

CLOTHING: Protective clothing is not required under normal conditions.

GLOVES: Protective gloves are not required under normal conditions.

RESPIRATOR: No respirator is required under normal conditions of use.

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## 9. Physical and Chemical Properties

PHYSICAL STATE: liquid

COLOR: various colors

PHYSICAL FORM: article containing liquid

ODOR: odorless

BOILING POINT: Not available

FREEZING POINT: Not available

VAPOR PRESSURE: Not available

VAPOR DENSITY: Not available

SPECIFIC GRAVITY (water=1): 1.02-1.06 (ink)

WATER SOLUBILITY: soluble

PH: Not available

VOLATILITY: Not available

ODOR THRESHOLD: Not available

EVAPORATION RATE: Not available

VISCOSITY: 2.0-7.0 cP (ink)

COEFFICIENT OF WATER/OIL DISTRIBUTION: Not available

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## 10. Stability and Reactivity

REACTIVITY: Stable at normal temperatures and pressure.

CONDITIONS TO AVOID: None reported.

INCOMPATIBILITIES: oxidizing materials

HAZARDOUS DECOMPOSITION:

Thermal decomposition products: oxides of carbon

POLYMERIZATION: Will not polymerize.

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## 11. Toxicological Information

Not available

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## 12. Ecological Information

Not available

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### 13. Disposal Considerations

Dispose in accordance with all applicable regulations.

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### 14. Transport Information

U.S. DEPARTMENT OF TRANSPORTATION: No classification assigned.

CANADIAN TRANSPORTATION OF DANGEROUS GOODS: No classification assigned.

LAND TRANSPORT ADR: No classification assigned.

LAND TRANSPORT RID: No classification assigned.

AIR TRANSPORT IATA: No classification assigned.

AIR TRANSPORT ICAO: No classification assigned.

MARITIME TRANSPORT IMDG: No classification assigned.

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### 15. Regulatory Information

U.S. REGULATIONS:

CERCLA SECTIONS 102a/103 HAZARDOUS SUBSTANCES (40 CFR 302.4): Not regulated.

SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355.30):  
Not regulated.

SARA TITLE III SECTION 304 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355.40):  
Not regulated.

SARA TITLE III SARA SECTIONS 311/312 HAZARDOUS CATEGORIES (40 CFR 370.21):

ACUTE: No

CHRONIC: No

FIRE: No

REACTIVE: No

SUDDEN RELEASE: No

SARA TITLE III SECTION 313 (40 CFR 372.65): Not regulated.

OSHA PROCESS SAFETY (29CFR1910.119): Not regulated.

STATE REGULATIONS:

California Proposition 65: Not regulated.

CANADIAN REGULATIONS:

WHMIS CLASSIFICATION: Not determined.

EUROPEAN REGULATIONS:

EC CLASSIFICATION (CALCULATED): Not determined.

NATIONAL INVENTORY STATUS:

U.S. INVENTORY (TSCA): All components of this product are in compliance.

## Material Safety Data Sheet

TSCA 12(b) EXPORT NOTIFICATION: Not listed.

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### 16. Other Information

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