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**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:**  
1-800-445-7067

SUBSTANCE: CRAYOLA(R) GEL-FX MARKERS

TRADE NAMES/SYNONYMS:

CRAYOLA GEL-FX MARKERS; CRAYOLA GEL FX 8-COUNT BROADLINE MARKERS, 24 PACK;  
PRODUCT CODES/COLORS: 58-8212; 58-8163-0-000; 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; 00227224

PRODUCT USE: Arts and Crafts

CREATION DATE: Aug 13 2001  
REVISION DATE: Mar 19 2003

**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

SKIN CONTACT:

none

EYE CONTACT:

none

INGESTION:

none

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**CARCINOGEN STATUS:**

OSHA: No

NTP: No

IARC: No

**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.

**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):** IIIIB

**6. ACCIDENTAL RELEASE MEASURES**

**OCCUPATIONAL RELEASE:**

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

**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.

**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.

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GLOVES: Protective gloves are not required under normal conditions.

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

**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

**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.

**11. TOXICOLOGICAL INFORMATION**

Not available

**12. ECOLOGICAL INFORMATION**

Not available

**13. DISPOSAL CONSIDERATIONS**

Dispose in accordance with all applicable regulations.

**14. TRANSPORT INFORMATION**

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

CANADIAN TRANSPORTATION OF DANGEROUS GOODS: No classification assigned.

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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.

**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.

TSCA 12(b) EXPORT NOTIFICATION: Not listed.

**16. OTHER INFORMATION**

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