

## Material Safety Data Sheet

**Material Safety Data Sheet**

Product Name: CRAYOLA(R) MARKERS BROAD AND FINE LINE (CLASSIC, TROPICAL, BOLD, FLUORESCENT COLORS, PASTELS, ASSORTED, WILDLIFE, BRITE, SUNSPLASHED, ACCESS)  
Product Family:

**1. Chemical Product and Company Identification**

BINNEY & SMITH EMERGENCY TELEPHONE NUMBER:  
1100 CHURCH LANE 1-800-445-7067  
EASTON, PA 18044  
1-800-272-8652

SUBSTANCE: CRAYOLA(R) MARKERS BROAD AND FINE LINE (CLASSIC, TROPICAL, BOLD, FLUORESCENT COLORS, PASTELS, ASSORTED, WILDLIFE, BRITE, SUNSPLASHED, ACCESS)

## TRADE NAMES/SYNONYMS:

CRAYOLA MARKERS BROAD AND FINE LINE (CLASSIC, TROPICAL, BOLD, FLUORESCENT COLORS, PASTELS, ASSORTED, WILDLIFE, BRITE, SUNSPLASHED, ACCESS); CRAYOLA MARKERS; PRODUCT COLORS/CODES: 68-7700; 68-7708; 68-7709; 68-7710; 68-7712; 68-7716; 68-7717; 68-7718; 68-7719; 68-7722; 68-7723; 68-7726 BRITE MARKERS; 68-7728; 68-7732; 68-7738; 68-7749; 68-7748; 68-7816; 68-7832; 68-7838; 68-8190; 68-7725; 68-8908-8-xxx; BNSSS189

PRODUCT USE: Arts and Crafts

CREATION DATE: Nov 13 1997

REVISION DATE: Sep 18 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: 100.0

**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

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INGESTION:  
none

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:** No data available.

**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) MARKERS BROAD AND FINE LINE (CLASSIC, TROPICAL, BOLD, FLUORESCENT COLORS, PASTELS, ASSORTED, WILDLIFE, BRITE, SUNSPLASHED, ACCESS):  
No occupational exposure limits established.

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

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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.

**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: Not available  
WATER SOLUBILITY: Not available  
PH: Not available  
VOLATILITY: Not available  
ODOR THRESHOLD: Not available  
EVAPORATION RATE: Not available  
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**

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## Material Safety Data Sheet

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.

**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 372.66): 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): Listed on Inventory.  
TSCA 12(b) EXPORT NOTIFICATION: Not listed.

**16. Other Information**

MSDS SUMMARY OF CHANGES  
SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION  
SECTION 8 EXPOSURE CONTROLS, PERSONAL PROTECTION  
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