

## Material Safety Data Sheet

**Product Name:** STAONAL MARKING CRAYONS (PERMANENT & WATERPROOF) GENERAL 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: STAONAL MARKING CRAYONS (PERMANENT & WATERPROOF) GENERAL MARKERS

TRADE NAMES/SYNONYMS:  
STAONAL MARKING CRAYONS; PRODUCT COLORS/CODES: 52-0002; PRODUCT COLORS/CODES:  
BLACK, BLUE, BROWN, GREEN, ORANGE, RED, VIOLET, WHITE, YELLOW; BNSSS159

PRODUCT USE: Arts and Crafts

CREATION DATE: Nov 21 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

### 3. Hazards Identification



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

**EMERGENCY OVERVIEW:**

COLOR: various colors  
PHYSICAL FORM: wax  
ODOR: odorless  
MAJOR HEALTH HAZARDS: No significant target effects reported.

**POTENTIAL HEALTH EFFECTS:**

INHALATION:  
none  
SKIN CONTACT:  
none  
EYE CONTACT:  
none  
INGESTION:  
none

CARCINOGEN STATUS:  
OSHA: No



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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.

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### 6. Accidental Release Measures

**OCCUPATIONAL RELEASE:**  
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.

**HANDLING:** Use methods to minimize dust.

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### 8. Exposure Controls, Personal Protection

**EXPOSURE LIMITS:**  
**STATIONAL MARKING CRAYONS (PERMANENT & WATERPROOF) GENERAL 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.  
Under conditions of frequent use or heavy exposure, respiratory protection may be needed.

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### 9. Physical and Chemical Properties

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PHYSICAL STATE: solid  
COLOR: various colors  
PHYSICAL FORM: wax  
ODOR: odorless  
BOILING POINT: Not applicable  
MELTING POINT: Not available  
VAPOR PRESSURE: Not applicable  
VAPOR DENSITY: Not applicable  
SPECIFIC GRAVITY: Not available  
WATER SOLUBILITY: Not available  
PH: Not applicable  
VOLATILITY: Not applicable  
ODOR THRESHOLD: Not available  
EVAPORATION RATE: Not applicable  
COEFFICIENT OF WATER/OIL DISTRIBUTION: Not available

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### 10. Stability and Reactivity

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REACTIVITY: Stable at normal temperatures and pressure.

CONDITIONS TO AVOID: None reported.

INCOMPATIBILITIES: halogens, oxidizing materials

HAZARDOUS DECOMPOSITION:

Thermal decomposition products: May release oxides of carbon. Provide adult supervision in a well ventilated area for techniques involving melted crayons. Ironing should be done by an adult in a well ventilated area.  
Overheating wax crayons during melting or ironing may release irritating fumes.

POLYMERIZATION: Will not polymerize.

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### 11. Toxicological Information

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Not available

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### 12. Ecological Information

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Not available

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### 13. Disposal Considerations

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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): Listed on inventory.

TSCA 12(b) EXPORT NOTIFICATION: Not listed.

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### 16. Other Information

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