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MATERIAL SAFETY DATA SHEET
PRODUCT NAME: CRAYOLA WASHABLE CRAYON
BINNEY & SMITH INC.
1100 CHURCH LANE
EASTON, PA 18044

MSDS NO. CWC-6.1
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TELEPHONE NOS.
EMERGENCY: 1-215-253-6271
INFORMATION: 1-800-272-9652

1. PRODUCT IDENTIFICATION

PRODUCT NAME(S): CRAYOLA WASHABLE CRAYONS
PRODUCT COLORS/CODES: 52-3280, 52-3280P, 52-3281, 52-380P, 52-0689
607-BROWN, 634-YELLOW, 636-ORANGE, 638-RED, 640-VIOLET, 642-BLUE,
644-GREEN, 651-BLACK

2. HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	CAS NO.	OSHA PEL	TLV
Hydrous Calcium Magnesium Silicate	14807-96-6	2 mg/m ³	2 mg/m ³

3. PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 575-726OF
FREEZING POINT: 100-110OF.
VAPOR PRESSURE @ 20OC.: 0.01 - 1.0mm @ 180OC
VAPOR DENSITY (AIR=1): 5 - 9.8
EVAPORATION RATE (BUTYL ACETATE=1): Less than 0.01
SPECIFIC GRAVITY (WATER=1): 0.81 to 0.85 at 75OC
SOLUBILITY IN WATER: Completely Soluble @ 1 ATM and 200OF
APPEARANCE AND ODOR: 16 Various Colors - Slight Odor

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4. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT AND METHOD: > 365OF; ASTM D 92, Cleveland Open Cup
FLAMMABLE LIMITS IN AIR- % BY VOLUME:
UPPER: Not Applicable
LOWER: Not Applicable
EXTINGUISHING MEDIA: ABC Dry Chemical, CO₂ (Carbon Dioxide), Foam, Sand or Sodium Bicarbonate
SPECIAL FIRE FIGHTING PROCEDURES: Handle the same as any wax fire. If stored in large quantities in an enclosed area use air-supplied rescue equipment.
UNUSUAL FIRE OR EXPLOSION HAZARDS: Do not store with strong oxidizers.

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5. HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: Not established

ROUTES OF ENTRY:

INHALATION: Does not apply
SKIN: Does not apply
INGESTION: Possible (see below)

ACUTE OR CHRONIC HEALTH HAZARDS: Acute: None Known
Chronic: None Known

EFFECTS OF OVEREXPOSURE: Does not apply

MEDICAL CONDITIONS AGGREGATED BY EXPOSURE: None

EMERGENCY AND FIRST AID: If product is swallowed/ingested. DO NOT induce vomiting, call a physician immediately.

CARCINOGENICITY: THE INGREDIENTS OF THIS PRODUCT ARE ON THE TOXIC SUBSTANCE CONTROL ACT (TSCA) INVENTORY.

6. REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: None

INCOMPATIBILITY (MATERIALS TO AVOID): Chlorinated solvents will dissolve product.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide in case of incomplete combustion.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Avoid contact with strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite or calcium hypochlorite.

7. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE OF RELEASE OR SPILL: Recover free product. Keep product out of sewers & watercourses by diking or impounding. Advise authorities if product enters sewers or watercourses. Assure conformance with applicable governmental regulations.

WASTE DISPOSAL METHOD: In accordance with local regulations - regulated as residual waste in the State of Pennsylvania.

PRECAUTIONS TO BE TAKEN IN HANDLING OR STORING: Store at room temperature not to exceed 105°F.

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8. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: None required

PROTECTIVE GLOVES: None required

EYE PROTECTION: None required

OTHER PROTECTIVE EQUIPMENT: None required

VENTILATION: None required

OTHER PROTECTION: None required

9. SPECIAL INFORMATION

DATE PREPARED: 8/27/92
APPROVED BY: Phillip E. Moll

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