

82303, 82487, 82479, 82483, 82498, 82484, 82490-82497
82485, 82474, 82470, 82486, 82311

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MATERIAL SAFETY DATA SHEET MSDS NO. CWM-10
PRODUCT NAME: CRAYOLA Washable Markers (Classic, etc) **PAGE 1**

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1. PRODUCT IDENTIFICATION

PRODUCT NAME(S): CRAYOLA Washable Markers (Classic Colors, Pastels, Bold, Fluorescent, Screamin', Multi-Cultural and Tropical)

PRODUCT COLORS/CODES: 58-8102, 58-7208, 58-7808, 58-7809, 58-7816,
58-7818, 58-7832, 58-7836, 58-7848, 58-7849,
58-8200, 58-7200, 58-7800, 58-7803, 58-7812,
58-7813, 58-7801

2. HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	CAS NO.	OSHA PEL	TLV
Diethylene Glycol	111-46-6	None	None
2-Amino-2-Methyl Propanol	124-68-5	None	None

3. PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 215-225°F.
FREEZING POINT: Less than 32°F.
VAPOR PRESSURE @ 20°C.: Not applicable
VAPOR DENSITY (AIR=1): <1
EVAPORATION RATE (BUTYL ACETATE=1): <1
SPECIFIC GRAVITY (WATER=1): >1
SOLUBILITY IN WATER: Complete water-soluble
APPEARANCE AND ODOR: Various colors - No odor

4. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT AND METHOD: Not applicable
FLAMMABLE LIMITS IN AIR - % BY VOLUME: UPPER: None
LOWER: None
EXTINGUISHING MEDIA: Water, CO₂, Foam or Halon 1211
SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus
UNUSUAL FIRE OR EXPLOSION HAZARDS: None

5. HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: Not established

ROUTES OF ENTRY:

- INHALATION:** Not applicable
- SKIN:** Not applicable
- INGESTION:** possible

ACUTE OR CHRONIC HEALTH HAZARDS: None known

EFFECTS OF OVEREXPOSURE: None known

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known

EMERGENCY AND FIRST AID: If product is swallowed, DO NOT induce vomit
Call a physician.

- EYES:** Flush with water for 15 mins. Contact a physician.
- SKIN:** Wash skin with soap and water.
- INGESTION:** Consult a physician, hospital or poison control center.
- INHALATION:** Remove person to fresh air.

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

6. REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: None known

INCOMPATIBILITY (MATERIALS TO AVOID): None known

HAZARDOUS DECOMPOSITION PRODUCTS: None known

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: None known

7. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE OF RELEASE OR SPILL: Recover free product.
product out of sewers and watercourses by diking or impounding. Advise
authorities if product enters sewers or watercourses. Assure conformi
applicable government regulations.

WASTE DISPOSAL METHOD: In accordance with Local, State and Federal
Regulations

PRECAUTIONS TO BE TAKEN IN HANDLING OR STORING: No special precaution

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8. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: None required
PROTECTIVE GLOVES: Not required
EYE PROTECTION: Not required
OTHER PROTECTIVE EQUIPMENT: Not required
VENTILATION: Not required
OTHER PROTECTION: Clean, safe, work practices

9. SPECIAL INFORMATION

VOC INFORMATION:
LBS. VOC PER GAL. OF COATING LESS WATER: Not established

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

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