

#82401

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

SIBNEY & SMITH INC. **TELEPHONE NOS.**
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HASTON, PA 19044 **INFORMATION: 1-800-372-9652**

1. PRODUCT IDENTIFICATION

PRODUCT NAME(S): CRAYOLA® Washable Markers Broad and Fine Line (Classic Colors, Pastels, Bold, Fluorescent, Screamin', Multi-Cultural, Tropical, Wildlife and Brits), Mini Stampers, Crazy Tips, Wedges Cones and Domes

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, 58-7817, 58-7819, 58-8108, 58-8109, 58-8110, 58-7314, 58-8191

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

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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 vomiting. 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 SUBSTANCES 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

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7. SPILL OR LEAK PROCEDURES

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

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

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

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

N.I. RIGHT-TO-KNOW INFORMATION - TOP FIVE INGREDIENTS

<u>CRAYOLA</u> <u>WASHABLE</u> <u>MARKERS</u>	<u>COMPONENTS</u>	<u>CAS NOS.</u>
	Water	7732-18-5
	Glycerine	56-81-5
	Ethylene Diamine	12264-18-5
	Tetra Acetic Acid	
	Polyethylene Glycol	25322-68-3
	Color - Specific Nos.	CAS Nos.

DATE PREPARED: 12/15/95

APPROVED BY: Millie P. Padron, Senior Process Development Engineer

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