

82475, 82486, 82488, 82489, 82476, 82470, 82472, 82474, 82498, 82499, 82477,
82484, 82487, 82485, 82490, 82491, 82493, 82493, 82494, 82495, 82496, 82497

MATERIAL SAFETY DATA SHEET		MSDS NO. CRAYOLA	
PRODUCT NAME: CRAYOLA Markers		PAGE 1	
BINNEY & SMITH INC.	TELEPHONE NOS.		
1100 CHURCH LANE	EMERGENCY: 1-610-253-6271		
EASTON, PA 18044	INFORMATION: 1-800-272-9652		

1. PRODUCT IDENTIFICATION

PRODUCT NAME(S): CRAYOLA® Markers Broad and Fine Line (Classic, Tropical, Bold, Fluorescent Colors, Pastels, Assorted, Wildlife, Brite)

PRODUCT COLORS/CODES: 58-7700, -7708, -7709, -7710, -7716, -7718, -7732, -7736, 58-7748, -7832, -7836, -7749, -7717, -7719, -8190

2. HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	CAS NO.	OSHA PEL	TLV
Glutaraldehyde - 25% Aqueous	111-30-8	0.82 mg/m ³	0.82 mg/m ³

3. PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 215-225°F.
FREEZING POINT: Not applicable
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: Completely 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, or Foam
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:

82478, 82492, 82494-82497,
82484-82499