

MATERIAL SAFETY DATA SHEET

MSDS NO. TEMP-4

PRODUCT NAME: CRAYOLA/ARTISTA II/KAYLOR TEMPERA

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BINNEY & SMITH INC.**TELEPHONE NOS****1100 CHURCH LANE****EMERGENCY: 1-215-253-6271****EASTON, PA 18044****INFORMATION: 1-800-272-9652****1. PRODUCT IDENTIFICATION****PRODUCT NAME(S): CRAYOLA/ARTISTA II/KAYLOR TEMPERA/TEMPRATONE****PRODUCT COLORS/CODES:** 54-1208, 1216, 1232, 1264, 3115, 3132, 3164, 3128
105, 116, 1116
54-3816, 54-3832, 54-3828**2. HAZARDOUS INGREDIENTS**

HAZARDOUS COMPONENTS	CAS NO.	OSHA PEL	TLV %
TALC	14807-96-6	20 mpppcf	None
KAOLIN	1332-58-7	15 mg/m3	10mg/m3

3. PHYSICAL/CHEMICAL CHARACTERISTICS**BOILING POINT:** 215-225 °F**FREEZING POINT:** Not determined**VAPOR PRESSURE @ 20°C:** Not determined**VAPOR DENSITY (AIR=1):** Lighter than air**EVAPORATION RATE (BUTYL ACETATE=1):** Slower than ether**SPECIFIC GRAVITY (WATER=1):** 1.03-1.68**SOLUBILITY IN WATER:** Completely soluble in water (100%)**APPEARANCE AND ODOR:** Various colors - odorless**4. FIRE AND EXPLOSION HAZARD DATA****FLASH POINT AND METHOD:** Not available**FLAMMABLE LIMITS IN AIR-** UPPER: Unknown
% BY VOLUME: LOWER: Unknown**EXTINGUISHING MEDIA:** CO₂, Foam, or Water**SPECIAL FIRE FIGHTING PROCEDURES:** None Known**UNUSUAL FIRE OR EXPLOSION HAZARDS:** None**5. HEALTH HAZARD DATA****THRESHOLD LIMIT VALUE:** None

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ACUTE OR CHRONIC HEALTH HAZARDS: Certified Product of the Art & Craft Materials Institute, Inc. This product is certified in a program of toxicological evaluation by a medical expert, subject to review by the Institute's Toxicologist Advisory Board, to contain no materials in sufficient quantities to be toxic or injurious to humans or to cause acute or chronic health problems.

EFFECTS OF OVEREXPOSURE: None known

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known

EMERGENCY AND FIRST AID:**EYES:** Rinse eyes with water for 15 minutes, contact a physician.**SKIN:** Wash well with soap and water.**INGESTION:** Do not induce vomiting, consult a physician immediately.**INHALATION:** Not applicable**6. REACTIVITY DATA**

STABILITY: Stable

CONDITIONS TO AVOID: None

INCOMPATIBILITY (MATERIALS TO AVOID): None known

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce carbon monoxide and carbon dioxide.

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. Keep product out of sewers and watercourses by diking or impounding. Advise authorities if product enters sewers or watercourses. Assure conformity with applicable governmental regulations.

WASTE DISPOSAL METHOD: In accordance w/Local, State & Federal Regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING OR STORING: Store at room temperature. Not to exceed 100°F.

8. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Not required

PROTECTIVE GLOVES: Not required

EYE PROTECTION: Not required

OTHER PROTECTIVE EQUIPMENT: Protective Clothing

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PRODUCT	COMPONENT	CAS NO.
CRAYOLA Tempera	Water	7732-18-5
	Anhydrous Aluminum Silicate	1332-58-7
	Calcium Carbonate	1317-65-3
	Dextrin	9004-53-9
	Color-Specific Pigments	
ARTISTA II Tempera & KAYLOR Tempera	Water	7332-18-5
	Hydrous Calcium Manganese Silicate	14807-96-8
	Diatomaceous Earth	68855-54-9
	Dextrin	9004-53-9
	Color-Specific Pigments	

DATE PREPARED: 2/15/95**APPROVED BY:** Phillip E. Moll

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