

20074-1309 -2010 -2160 -2830
 -3060 -3670 -3780 -3790 -7010
 -7100 -7110 -7120 -9350 -9500
 -9510 -9520 -9600

Material Safety Data Sheet 20074

Manufacturer: Diane Townsend Artists' Pastels
 385 Broome Street
 New York, NY 10013

PRODUCT: Bronze Powder/product code 73011 (metallic colors) soft form pastels 600 series

Section 1-Product Identity

Date Prepared: 4/8/ 03 Prepared by D. Townsend Emergency :Chemtrec 1-800-424-9300, Information:212-219-2845

HMIS Rating: Health 1 Flammability NA Reactivity NA Personal Protection A,E

Chemical Formula: Mixture

Chemical Name: Bronze Powder, copper, 2 zinc

Section 2-Hazardous Ingredients

Hazardous Components:	OSHA PEL	ACGIH TLV	OTHER
Silicon dioxide portion of bronze powder	1mg/m3, ne	10mg/m3	none
CAS Number: 7440-50-8 copper	5mg/m3:10mg/m3	1mg/m3	
7440-66-6 zinc			
SARA Title 111 sect.313 Copper, zinc			V-1169

Section 3- Physical/Chemical characteristics

Boiling point: NA

Vapor Density: NA

Appearance and Odor: dull bronze color, odorless

Specific Gravity: 5.7400

Evaporation Rate: .0000 (n=Butyl Acetate=1)

Solubility in Water: soluble _____ insoluble x

Section 4-Fire and Explosion Hazards

Flash Point: NA

Extinguishing Media: Water Fog or Spray, dry chemical or carbon dioxide

Special Firefighting procedures: None

Unusual fire and explosion hazards: None, keep away from heat, sparks or flame.

Flammable Limits: LEL UEL lower, NA

Conditions to avoid: avoid extreme heat

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Section 5- Health Hazard Data

Primary routes of body entry: Inhalation, eye contact

Effects of over exposure: Handle with care and avoid unnecessary exposure.

Emergency procedures: If dust enters eye, flush with running water. Obtain medical attention.

Skin contact: Wear gloves, cotton or latex. Wash hands with soap and water for 15 minutes. If irritation occurs, seek medical attention.

Ingestion: If ingested, seek medical assistance.

Chronic health effects: Persons with impaired pulmonary function may be more susceptible to the effects of this product. If breathing seems impaired or becomes difficult remove from dusty area and give oxygen. Call a physician.

No known adverse health effects for tragacanth Gum used as a binder.

Section 6- spill or leak procedure

Steps to be taken if material leaks or is spilled: Uncontaminated material may be scooped up for use. If contaminated, scoop or vacuum into container for disposal. Use a HEPA vacuum filter.

Waste disposal method: Refer to EPA RCRA regulations. Dispose of in accordance with federal, state and local regulations.

Section 7- Special protection Data/ Control measures

Respiratory protection: OSHA/NIOSH approved Respirator for protection against dust

Ventilation: Suitable for dusts/ local exhaust

Protective gloves: Work gloves, cotton or latex, or a barrier cream

Eye protection: safety glasses if eye contact is likely. Protect against dust.

Work/Hygienic practices: Avoid making dust. Do not inhale or ingest dust. Wash thoroughly before eating, drinking, smoking, or applying cosmetics.

Other protective clothing or equipment: Wear clean protective clothing, such as coveralls, smocks, aprons gloves, shoes and /or hats

Section 8- Storage and handling

Store in covered containers away from food. Wash hands after use.

Other precautions: Wear clean clothing. Wash any dusty or contaminated articles.

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