

Material Safety Data Sheet

Section I	
Product Name	: Prometheus® Copper Clay
Manufacturer	: Odak Art, Hobby & Craft Ltd.
Address	: Talatpasa Mah. Aydogan Cad. No:31/ Kagithane – Istanbul / Turkey
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Date Prepared: December 27, 2009	Signature of Preparer: Mehmet A. Aykoc
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Section II—Hazardous Ingredients/Identity Information			
Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Wt. % (optional)
Copper Powder (CAS 7440-50-8)	1 mg/m ³	1 mg/m ³	40-87%
Tin Powder (CAS 7440-50-8)	2 mg/m ³	2 mg/m ³	3-18%
Proprietary Binder	1 mg/m ³	1 mg/m ³	1-35%
Non-hazardous, proprietary components	N/A	N/A	Remainder
The non-hazardous components are all generally recognized as safe (GRAS) for addition to food and pharmaceuticals by the US FDA.			

Section III – Composition / Information on ingredients
Copper Powder ≥ 65%
Tin Powder ≥ 20%
Binder ≥ 15%
Water ≥ 5%

Section IV - Emergency and First Aid Procedures
SKIN: Wash exposed area with soap and water. If irritation persists get medical attention.
EYES: Wash with plenty of water for at least 15 minutes, lifting lids occasionally. If irritation persists get medical attention.
INJECTION: Give 2-3 glasses of water or milk. Vomiting may occur spontaneously, but it is not necessary to induce. Never give liquids to an unconscious person. Seek medical attention.

Section V—Physical/Chemical Characteristics			
Boiling Point	Unknown	Specific Gravity(H ₂ O = 1)	Unknown
Vapor Pressure (mm Hg)	Unknown	Melting Point	Unknown
Vapor Density (AIR = 1)	Unknown	Evaporation Rate (Butyl Acetate = 1)	Unknown
Solubility in Water: Copper and Tin are insoluble, non-hazardous components are soluble in water.			
Appearance and Odor: Odorless, Chocolate brown colored material with clay consistency .			

Section VI—Fire and Explosion Hazard Data			
Flash Point (Method Used) Non-flammable	Flammable Limits	LEL Unknown	UEL Unknown
Extinguishing Media: Water spray, dry chemical, foam, carbon dioxide or clean extinguishing agents may be used on fires in involving this product.			
Special Fire Fighting Procedures:			

Use self-contained breathing apparatus and full protective clothing for fires in enclosed areas.
Unusual Fire and Explosion Hazards None known

Section VII—Stability and Reactivity Data	
Stability: Stable	Conditions to Avoid: None known.
Incompatibility(Materials to Avoid): Acids, bases, oxidizers, strong alkalies, chlorates, bromates.	
Hazardous Decomposition or Byproducts: Decomposition may yield hydrogen and noxious copper compounds.	
Hazardous Polymerization: Will not occur under normal or recommended handling and storage conditions.	Conditions to Avoid: None known.

Section VIII—Accidental Release Measures		
Inhalation: None when kept moist	Skin: Possible	Ingestion: Possible
Health Hazards (Acute and Chronic): Generally not hazardous in normal handling, however good laboratory procedures should always be used. Avoid long term exposure to skin. Avoid drying product to minimize dust formation.		
Acute: Copper powder component: LD ₅₀ intraperitoneal mouse 3.5 mg/Kg Tin powder component: Non-toxic (LD ₅₀ > 2 g/Kg)		
Chronic: Ingredients are not considered as “probable” or “suspected” carcinogens by OSHA, IARC, or ACGIH. Dermatitis may result from chronic exposure. Chronic exposure may aggravate those with pre-existing liver or kidney disease.		

Section IX—Precautions for Safe Handling and Use	
Steps to Be Taken in Case Material Is Released or Spilled: Clean area with soap and water. Minimize the generation of dust.	
Handling and Storage: Wear protective gloves when handling large quantities. Wash hands with soap and water before eating or drinking to avoid contamination of food and drink with the copper powder component.	

Section X—Exposure Controls / Personal Protection				
Respiratory Protection None necessary with the moist product.				
Ventilation	Local Exhaust	N/A	Special	N/A
	Mechanical	N/A	Other	N/A
Protective Gloves: Required for those with extreme sensitivity. Nitrile, latex or similiar gloves.			Eye Protection: None required for normal handling.	
Other Protective Clothing or Equipment: None known to be required.				
Work/Hygienic Practices: Keep areas clean by using moist paper towels and soap when necessary. Wash hands before eating or drinking to avoid ingestion of the copper powder component.				

Section XI—Transport Information

Not classified as Dangerous Goods

Section XII – Disposal Considerations
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Waste Disposal Method:

Neither copper powder nor tin powder is listed as hazardous waste, or under SARA reporting requirements. Dispose of in accordance with local, state and federal requirements.

Section XIII – Toxicological Information

N/A

Section XIII – Ecological Information
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N/A

Section XV – Other Information

Some individuals may develop sensitivity to one or more components of this product and should wear gloves when handling even small quantities of this material.

Section XVI – Regulatory Information

N/A

"The information herein is given in good faith, but no warranty, express or implied, is made."