

# Material Safety Data Sheet

<b>Section I</b>	
Product Name	: Prometheus® Bronze Clay
Manufacturer	: Odak Art, Hobby & Craft Ltd.
Address	: Talatpasa Mah. Aydogan Cad. No:31/ Kagithane – Istanbul / Turkey
Telephone	: +90 212 320 45 94
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Date Prepared: December 27, 2009	Signature of Preparer: Mehmet A. Aykoc
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<b>Section II—Hazardous Ingredients/Identity Information</b>			
Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Wt. % (optional)
Copper Powder (CAS 7440-50-8)	1 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>	40-87%
Tin Powder (CAS 7440-50-8)	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>	3-18%
Proprietary Binder	1 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>	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.			

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

<b>Section IV - Emergency and First Aid Procedures</b>
<b>SKIN:</b> Wash exposed area with soap and water. If irritation persists get medical attention.
<b>EYES:</b> Wash with plenty of water for at least 15 minutes, lifting lids occasionally. If irritation persists get medical attention.
<b>INJECTION:</b> 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.

<b>Section V—Physical/Chemical Characteristics</b>			
Boiling Point	Unknown	Specific Gravity(H <sub>2</sub> 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 .			

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

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

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

<b>Section VIII—Accidental Release Measures</b>		
<b>Inhalation:</b> None when kept moist	<b>Skin:</b> Possible	<b>Ingestion:</b> Possible
<b>Health Hazards (Acute and Chronic):</b> 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.		
<b>Acute:</b> Copper powder component: LD <sub>50</sub> intraperitoneal mouse 3.5 mg/Kg Tin powder component: Non-toxic (LD <sub>50</sub> > 2 g/Kg)		
<b>Chronic:</b> 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.		

<b>Section IX—Precautions for Safe Handling and Use</b>	
<b>Steps to Be Taken in Case Material Is Released or Spilled:</b> Clean area with soap and water. Minimize the generation of dust.	
<b>Handling and Storage:</b> 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.	

<b>Section X—Exposure Controls / Personal Protection</b>				
<b>Respiratory Protection</b> None necessary with the moist product.				
<b>Ventilation</b>	Local Exhaust	N/A	Special	N/A
	Mechanical	N/A	Other	N/A
<b>Protective Gloves:</b> Required for those with extreme sensitivity. Nitrile, latex or similiar gloves.			<b>Eye Protection:</b> None required for normal handling.	
<b>Other Protective Clothing or Equipment:</b> None known to be required.				
<b>Work/Hygienic Practices:</b> 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.				

<b>Section XI—Transport Information</b>
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Not classified as Dangerous Goods
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<b>Section XII – Disposal Considerations</b>
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<b>Waste Disposal Method:</b>
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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.
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<b>Section XIII – Toxicological Information</b>
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N/A
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<b>Section XIII – Ecological Information</b>
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N/A
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<b>Section XV – Other Information</b>
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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.
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<b>Section XVI – Regulatory Information</b>
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N/A
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**"The information herein is given in good faith, but no warranty, express or implied, is made."**