

Material Safety Data Sheet

Section I	
Product Name	: Prometheus® Silver Clay 950
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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Emergency contact	: +90 532 559 88 84

Date Prepared: May 15, 2017	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)
Silver Powder (CAS 7440-22-4)	0.1 mg/m ³	0.01 mg/m ³	≥ 80%
Copper Powder (CAS 7440-50-8)	1 mg/m ³	1 mg/m ³	< 8%
Binder	1 mg/m ³	1 mg/m ³	< 10%

Section III – Composition / Information on ingredients
Silver Powder ≥ 80%
Copper Powder < 8%
Binder < 10%
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: Silver and Copper Powders are insoluble, binder is soluble in water.			
Appearance and Odor: Odorless, Gray solid 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 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: None known.	
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.		

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.

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
Waste Disposal Method: Neither silver powder nor copper 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
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."