


SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name	Copper, Rich Gold, Pale Gold, Silver	Manufacturer	Gamblin Artists Colors
Recommended Use	Artist's color	Address	2734 SE Raymond St. Portland, OR 97202
Restrictions on Use	Keep out of reach of children		USA
Emergency Contact / Number	Urgent Care / Emergency Room	Telephone	(503) 235-1945

SECTION 2: HAZARD IDENTIFICATION

Hazards

Flammable liquid	Category 4, Combustible liquid	WARNING 
Acute toxicity, oral	Category 4, Harmful if swallowed	
Skin Corrosion / Irritation	Category 2, Causes skin irritation	
Aquatic chronic toxicity	Category 3, Toxic to aquatic life with long lasting effects	
Specific Target Organ Toxicity -single exposure (CNS)	Category 3, May cause drowsiness or dizziness	

Precautionary Statements

Prevention:	Keep away from flames and hot surfaces. Do not eat, drink or smoke when using this product. Wear protective gloves, eye and face protection. Wash hands and exposed areas thoroughly after handling. Avoid breathing fumes or vapors. Use only outdoors or in a well-ventilated area.
Response:	In case of fire: Use water mist, dry chemical or CO2 to extinguish. If swallowed: Call a poison center, doctor or physician if you feel unwell. Rinse mouth. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention. If on skin: Wash with plenty of water. Take off contaminated clothing and wash before reuse. If skin irritation occurs: Get medical advice or attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.
Storage:	Store in a locked, well ventilated place. Keep cool. Keep container tightly closed.
Disposal:	Dispose of contents and container in accordance with all regulations.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Component Name	CAS#	Component Percent
Petroleum naphtha	64742-48-9	15 – 30
Copper powder	7440-50-8	varies
Zinc powder	7440-66-6	varies
Aluminum powder	7429-90-5	varies

SECTION 4: FIRST AID MEASURES

First Aid Treatment

Eye Contact:	Flush thoroughly with water. If irritation persists, get medical attention.
Skin Contact:	In case of skin contact, wash skin thoroughly with soap and water. Remove contaminated clothing; launder before reuse.
Ingestion:	Do not induce vomiting. Give water or milk to victim if conscious; get medical attention.
Inhalation:	Move victim to fresh air. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. Start resuscitation if victim is overcome and call a physician immediately.
Most Important Symptoms / Effects	
Eye:	May cause redness or irritation
Skin:	May cause rash, cracking or dryness
Inhalation:	May cause dizziness, nausea, headache, and possible central nervous system (cns) depression

Ingestion: May cause nausea, gastrointestinal irritation or vomiting

Chronic Exposure: Repeated or prolonged skin contact may aggravate existing dermatitis

Indication of Immediate Medical Attention and Special Treatment, If Necessary

Persistent eye or skin irritation, ingestion, difficulty in breathing, unconsciousness or respiratory distress.

SECTION 5: FIREFIGHTING MEASURES

Suitable and Unsuitable Extinguishing Media

Use fire-fighting techniques such as water fog, foam, dry chemical or carbon dioxide (CO₂). Use a water spray to cool fire-exposed containers, structures and to protect personnel.

Specific Hazards Arising from the Chemical

Burning material may produce toxic smoke, fumes and vapors in a fire. Closed containers may rupture or explode when exposed to extreme heat.

Specific Protective Equipment and Precautions for Fire-Fighters

Do not enter confined fire space without full equipment and a positive pressure NIOSH-approved self-contained breathing apparatus. Closed containers may explode from high heat.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions

Isolate release area and keep unnecessary or untrained people away. Avoid skin or eye contact with spilled material. See Section 8 for personal protection gear.

Environmental Precautions

Contain spill if it can be done with minimal risk. Prevent liquid from entering drains, sewers or waterways. Advise EPA, state or local agencies as required.

Methods for Cleaning Up

Do not discharge to the environment. Soak up with absorbent materials. Small spills can be evaporated and absorbent disposed of in trash. Larger spills should be transferred to labeled containers for recovery or safe disposal. Rags and absorbent materials should be immersed in water.

SECTION 7: HANDLING AND STORAGE

Handling

Avoid contact with eyes or prolonged skin contact. Keep away from food and beverages. Open container slowly to control possible pressure release. Prevent or clean up small spills and leakage to avoid slip hazard. Always observe good personal hygiene such as washing after handling the material and before eating, drinking or smoking. Routinely wash work clothing and protective equipment. Practice good housekeeping. Empty containers may contain residue and should be allowed evaporate solvent and then may be disposed in regular trash.

Storage

Keep containers closed when not in use. Store in a cool, well-ventilated area. Use original or other childproof, compatible container.

SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

Exposure Limits

Component Name	ACGIH	OSHA	EU HSPA
Petroleum naphtha	Not Established	500 ppm	1,200 mg/m ³

Engineering Controls

Use appropriate ventilation to maintain airborne concentration limits below exposure limits.

Protective Equipment

Wear safety glasses; other equipment will vary based on potential exposure conditions.

Respiratory Protection

Maintain good ventilation or air flow. Use a respirator in areas where the exposure is unknown or above OSHA or ACGIH limits.

General Hygiene

Wash thoroughly with soap and water after task or shift, when using the restroom or before eating.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical State	Gold, copper, silver paste	Flash Point (PMCC)	Copper, Silver, Rich Gold: 149 °F, Pale Gold: 158 °F
Specific Gravity (Water=1)	0.8 – 0.9	Upper Flammability Limits	Not Determined
Evaporation Rate (butyl acetate = 1)	<1	Lower Flammability Limits	Not Determined
pH	Not Applicable	Auto-ignition Temperature	Not Determined
Solubility in Water	Negligible	Decomposition Temperature	Not Determined
Odor	Characteristic	Vapor Pressure (kPa@68 °F)	Not Determined
Odor Threshold	Not Determined	Vapor Density (Air=1)	>1
Melting/Freezing Point	Not Determined	Partition Coefficient (n-octanol/water)	Not Determined
Boiling Range	Not Determined	Viscosity	Not Determined
Initial Boiling Point	Not Determined	Critical Temperature	Not Determined

Note: Physical and chemical properties are provided for safety, health and environmental considerations and do not fully represent product specifications. Those should be requested separately.

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Not reactive at normal storage and use conditions

Chemical Stability: Stable at normal storage and use conditions

Possibility of Hazardous Reactions: Will not occur under normal conditions

Conditions to Avoid: Avoid heat, sparks, open flames and other ignition sources

Incompatible Materials: Strong oxidizers

Hazardous Decomposition Products: Not Applicable

SECTION 11: TOXICOLOGICAL INFORMATION

Specific toxicity tests have not been conducted on this mixture. In accordance with OSHA's Hazard Communication Standard 1910.1200, this mixture is assumed to have the same health hazards as its significant components.

Acute Toxicity Effects

Product can cause mild eye or skin irritation depending on length and degree of exposure. Repeated exposure may cause skin dryness or cracking. Inhalation of vapors above recommended levels may cause respiratory system irritation or CNS depression. Ingestion may irritate the mouth, throat and stomach.

Chronic Toxicity Effects

Long term or repeated exposure may aggravate any acute symptoms.

Carcinogenicity

No components of this product above the declaration level of 0.1% have been identified by IARC, OSHA or NTP as carcinogenic.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity	Not Determined	Degradability	Not Determined
Mobility	Not Determined	Bioaccumulation	Not Determined

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state/province, and federal environmental regulations.

SECTION 14: TRANSPORT INFORMATION

DOT Information Compound paint, n.o.s. Not Regulated by DOT

SECTION 15: REGULATORY INFORMATION

Inventory Listings All components are listed on the TSCA inventory
SARA 311/312 Reporting Categories Flammable, acute, chronic hazard
SARA 313 Reportable Ingredients Copper powder, zinc dust, Aluminum powder

SECTION 16: OTHER INFORMATION**HMIS** 2-2-0**Department Issuing SDS** Health and Safety**Disclaimer**

The information contained herein is based on the data available to use and is believed to be correct. However, Gamblin Artists Colors Co. makes no warranty, expressed or implied, regarding the accuracy of these data or the results to be obtained from the use thereof. Gamblin assumes no responsibility for injury from the use of the product described herein.