MATERIAL SAFETY DATA SHEET

1. PRODUCTION IDENTIFICATION

Product code and name:

Code: 0599900010 - 250ml of Copper Patina
Code: 0599900011 - 250ml of Gold Patina
Code: 0599900012 - 250ml of Green Patina
Code: 0599900013 - 250ml of Silver Patina Paint
Code: 0599900017 - 250ml of Old Copper Patina
Code: 0599900018 - 250ml of Bronze Gold Patina

Form: Liquid

Colour: Copper, Gold, Green, Silver, Bronze

2. INFORMATION ON INGREDIENT

CAS No.	Hazardous Ingredient	Vapour Pressure (mm Hg)	%
1330-20-7	Xylene	6.7 (at 20°C)	14
28262-63-7	Polymer	–	44
–	Paint Additive	–	1
123-86-4	Butyl Acetate	13	11
123-42-2	Diacetone Alcohol	<1	14
78-93-3	Methyl Ethyl Ketone	75	5
12001-26-2	Mineral powder		
	a) Orange Gold		
	b) Bright Bronze Gold	For each colour	11
	c) Old Copper		
	d) Copper Orange		

3. HAZARDS IDENTIFICATION

3.1 Acute Health Hazards

Prolonged and repeated exposure to the solvent vapours may affect the Central Nervous System.

3.2 Signs and Symptom of Over-exposure

Headache, dizziness, nausea and loss of coordination are an indication of excessive exposure to vapours or spray mists.

3.3 Chronic Health Hazards

Prolonged over-exposure to solvent ingredients in section 2 may cause adverse effects to the liver, urinary and reproductive systems.

4. FIRST AID MEASURES

4.1 Inhalation
Remove patient to fresh air, keep warm and stay at rest. If recovery is not rapid, seek immediate medical attention.

4.2 Skin Contact
Clean with a proprietary cleanser and wash with soap and water; do not use solvent. Remove contaminated clothing and clean before reuse. If symptoms occur, seek medical attention.

4.3 Eyes Contact
Flush eyes with plenty of water. If irritation persists, seek medical attention.

4.4 Ingestion
Do not induce vomiting. Rinse mouth with water. Seek immediate medical attention. In case of doubt, or if symptoms persist, obtain medical aid immediately.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing Media
Water, mist, carbon dioxide, dry powder or foam. Do not use water jets which will spread fire.

5.2 Exposure Hazards
In case of fire, carbon dioxide and black smoke containing harmful products.

5.3 Protection Equipment
Wear self-contained breathing apparatus in confined spaces.

5.4 Fire Prevention
Flash Point about 27°C, Boiling Point (760mm Hg) : 138°C, Freezing Point : <0°C. Flammable if expose to source of ignition during application and drying. Paint residues are liable to spontaneous combustion. Remove soiled clothes and masking etc. from the working area duly. Residues should be damped with water and stored in a closed metal container prior to disposal.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions
Eliminate Sources of ignition. Ensure adequate ventilation ensuring that the OEL is not exceeded or use respiratory protection. Prevent skin and eye contact.

6.2 Environmental Precautions
Must not be allowed to enter sewers or drains or water course. Waste materials must be treated as a fire hazard and disposed of in accordance with the control of pollution regulations. Residues and drained cans of these products should have been proper disposed.

7. HANDLING AND STORAGE

7.1 Handling
Avoid contact with skin, eyes and respiratory tract. Ensure good ventilation or local exhaust. Keep away from sources of ignition. Take precautionary measures against static discharges.

7.2 Storage
Store tightly closed in a cool and well ventilated place. Keep away from sources of ignition.

8. PERSONAL PROTECTION

8.1 Working Environment

Paint Cells	Open Air	Confined Spaces
Controlled Efficient Ventilation	Limited Natural Ventilation	Limited Ventilation
Gloves of Nitrite Rubber	Gloves of Nitrite Rubber	Gloves of Nitrite Rubber Half mask filter A

9. PHYSICAL PROPERTIES

9.1 Specific Gravity
1.08 + 0.05

9.2 Vapour Density (Air = 1)
> 1

9.3 Solubility in water, % by WT
Insoluble

9.4 Percent Volatilize, by weight
55% (solvent)

9.5 Evaporation Rate (Butyl Acetate = 1)
0.7

10. STABILITY AND REACTIVITY

10.1 Conditions to avoid
Sunlight & friction

10.2 Material to avoid
When in contact with oxidizing agents and strong acids will cause exothermic reactions

11. TOXICOLOGICAL INFORMATION

11.1 Swallowing
Slightly toxic. May cause a burning sensation in the stomach plus nausea and vomiting. Aspiration into the lungs may occur during ingestion or vomiting, resulting in injury.

11.2 Skin Absorption
No evidence of adverse effects from available information.

11.3 Inhalation
Upper respiratory tract irritation, experienced as discomfort in the nose and throat, and discharge. From the nose; respiratory irritation, experienced as cough, chest discomfort, production of sputum, difficulty with breathing, pulmonary EDEME and haemorrhage; headache nausea, dizziness, drowsiness, weakness, confusion, disturbed vision, ringing in the ears, difficulty in walking and coma. Prolonged inhalation of high concentrations can cause liver and kidney degenerative lesions and depression of bone marrow activity.

11.4 Skin contact
Prolonged contact can cause local redness, dryness and cracking of the skin.

11.5 Eye contact
Vapours cause irritation. Liquid causes severe irritation with excess tear production, excess blinking, reddening and

11.8 Effects of Repeated Overexposure

Long-term exposure to xylene can cause chronic headache, chest pain, nausea, mental confusion, breathing difficulties, heartbeat abnormalities, numbness in limbs, fever, reduced white blood cell count, malaise, and fatigue. Skin irritation can occur, injury to the bone marrow, liver and kidneys.

11.9 Medical Condition Aggravated By Overexposure

Because of its irritating and deflating properties, this material may aggravate an existing skin condition. Breathing of vapour and/or mist may aggravate asthma and inflammatory or fibrotic pulmonary disease.

11.10 Significant Laboratory Data with Possible Relevance

To human health, hazard evaluation of xylem has been shown to cause embryo foetal toxicity and birth defects in laboratory animals, but only at doses which also cause material toxicity. There is no information available with respect to its possible developmental effects in humans. Animals exposed repeatedly to high vapour concentrations (800 ppm and greater) of mixed xylenes suffered hearing loss.

12. ECOLOGICAL INFORMATION

No applicable data for this section.

13. DISPOSAL CONSIDERATION

Absorb spillage into sand/earth or other non-combustible absorbent material and sweep up. Ventilate to remove vapours. Exclude sources of ignition, absorb spillage into sand/earth or other non-combustible absorbent material and sweep up. Ventilate to remove vapours. Exclude sources of ignition.
Disposal Method : All local, state and federal regulation concerning health and pollution should be reviewed to determine approved disposal procedures. Do not discharge into waterways or sewer system.

14. TRANSPORTATION INFORMATION

Transport : IMO No. 3.3 UN No. : 1263
PSA Group : III Label : 3
Classification : Shipping Name : Modified Acrylic Lacquer, Flammable

15. REGULATORY INFORMATION

No additional information.

16. OTHER INFORMATION

No additional information.