

27013-2910

MATERIAL SAFETY DATA SHEET

Product: 812S, 814S Composition Silver Leaf

SECTION I -- SUPPLIER INFORMATION

Importer : OLD WORLD ART
 Address : 1953 SOUTH LAKE PLACE
 City, St, Zip : ONTARIO, CA 91761
 Phone : (909)947-4928 (909)947-9945 FAX(909)923 1185
 Date : 01/01/2003

SECTION II -- HAZARDOUS INGREDIENT INFORMATION

Ingredient	% Wt.	PEL-OSHA	TLV-ACGIH
Aluminum	100	15 mg/m ³	10 mg/m ³

SECTION III -- PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance and Odor :EXTREMELY THIN ALUMINUM SHEET
 Specific Gravity (Water=1) :2.63-3.12 g/cm³
 Vapor Density (Air=1) :HEAVIER THAN AIR
 Evaporation Rate (Butyl Acetate=1) :SLOWER THAN ETHER

SECTION IV -- FIRE AND EXPLOSION HAZARD DATA

Flash Point :NA
 Extinguishing Media :DRY CHEMICAL

Special Fire Fighting Procedures: DO NOT USE WATER ON THIS PRODUCT. USE ONLY AN NFPA CLASS D FIRE EXTINGUISHER CONTAINING DRY CHEMICAL.

Unusual Fire & Explosion Hazards:

Fire: Autoignition temperature for powder: 760C (1400F)

Explosion: Fine dust in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. Minimum explosive concentration: 0.04 oz/ft³.

SECTION V -- REACTIVITY DATA

Stability :STABLE
 Conditions to Avoid :AVOID CONTACT WITH MINERAL ACIDS AND STRONG OXIDIZING AGENTS
 Incompatibility :MINERAL ACIDS AND OTHER COPPER/ZINC REACTIVE AGENTS
 Hazardous Polymerization:WILL NOT OCCUR

SECTION VI -- HEALTH HAZARD DATA

Carcinogenicity :NTP-NO IARC-NO OSHA-NO
 *** NOTE **** ALUMINUM LEAF IS NOT EASILY INHALED OR INGESTED. WHILE USING THE PRODUCT, SMALL PIECES ARE LOOSENED. HEALTH INFORMATION COULD NOT BE DETERMINED FOR METAL LEAFING. THE FOLLOWING INFORMATION IS FOR ALUMINUM

POWDER, WHICH IS MUCH SMALLER THAN WOULD BE ENCOUNTERED WITH LEAFING.

Chronic Health Hazards : Pulmonary fibrosis from chronic inhalation has been reported. Chronic exposure has also produced numbness in fingers and (in one case) brain effects.

Medical Conditions Generally Aggravated by Exposure : THE FOLLOWING CONDITIONS MAY BE AGGRAVATED BY EXPOSURE TO ALUMINUM POWDER: Persons with pre-existing skin disorders or eye problems or impaired respiratory function may be more susceptible to the effects of the substance.

Potential Effects of Over Exposure :

Inhalation: Causes irritation to the respiratory tract. Symptoms may include coughing, shortness of breath.

Ingestion: Not considered toxic although aluminum chloride may form slowly in the digestive tract with nausea, vomiting, other gastrointestinal effects in extreme cases.

Skin Contact: May cause irritation with redness and pain.

Eye Contact: Causes irritation, redness and pain.

Emergency First Aid Procedures :

Eye Contact: FLUSH IMMEDIATELY WITH ADEQUATE AMOUNTS OF WATER FOR FIFTEEN (15) MINUTES, OCCASIONALLY LIFTING THE EYELIDS. CONSULT A PHYSICIAN, ESPECIALLY IF IRRITATION PERSISTS.

Skin Contact: REMOVE CONTAMINATED CLOTHING; LAUNDER BEFORE RE-USE. WASH SKIN WITH MILD SOAP AND WATER; APPLY A GOOD QUALITY SKIN CREAM. IF IRRITATION PERSISTS, CONSULT A PHYSICIAN.

Ingestion: DRINK SEVERAL GLASSES OF WATER AND CONSULT A PHYSICIAN. IF LARGE AMOUNTS ARE INGESTED, GET MEDICAL ASSISTANCE IMMEDIATELY.

Inhalation: REMOVE PERSON FROM CONTAMINATED AREA TO FRESH AIR. IF UNCONSCIOUS, KEEP BREATHING PASSAGE OPEN AND HAVE EMERGENCY MEDICAL ASSISTANCE SUMMONED IMMEDIATELY. IF BREATHING IS IRREGULAR OR HAS STOPPED, START RESUSCITATION IMMEDIATELY; ADMINISTER OXYGEN IF AVAILABLE, AND HAVE EMERGENCY MEDICAL ASSISTANCE SUMMONED IMMEDIATELY.

SECTION VII -- PRECAUTIONS FOR SAFE HANDLING AND USE

Waste Disposal: OBEY RELEVANT LOCAL, STATE AND FEDERAL LAWS. DO NOT CONTAMINATE ANY LAKES, STREAMS, PONDS, OR UNDERGROUND WATER SUPPLY.

Precautions to be taken in handling and storage: STORE IN A COOL DRY ENVIRONMENT.
