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Caldex Enterprises

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*Revised 1-23-02 MATERIAL SAFETY DATA SHEET (OLD WORLD SILVER LEAF)

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

SECTION II -- HAZARDOUS INGREDIENT INFORMATION

Table with 4 columns: Ingredient, % Wt., PEL-OSHA, TLV-ACGIH. Row 1: Aluminum, 100, 15 mg/m3, 10 mg/m3

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/lb.

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.

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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; LAUNDRY 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.

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MATERIAL SAFETY DATA SHEET

Product: 802 Adhesive Size

SECTION I -- SUPPLIER INFORMATION

Manufacturer : 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 : 02/27/1997

SECTION II -- HAZARDOUS INGREDIENT INFORMATION

Ingredient	% Wt.	Pel-OSHA	TLV-ACGIH
VINYL ACETATE-DIOCTYL MALEATE-2-ETHYLHEXYL ACRYLATE	31	NON HAZARDOUS	
PROPYLENE GLYCOL	2	NON HAZARDOUS	

SECTION III -- PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance and Odor : MILKY WHITE LIQUID
 Boiling Point : ABOUT 212 F
 Specific Gravity (Water=1) : ABOUT 1
 Melting Point : N/A
 Vapor Pressure : ABOUT SAME AS WATER
 Vapor Density (Air=1) : N/A
 Evaporation Rate: (Butyl Acetate=1) : EQUAL TO WATER

SECTION IV -- FIRE AND EXPLOSION HAZARD DATA

Flash Point : NON COMBUSTIBLE
 Flammable Limits : NA
 Extinguishing Media : EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING FIRE
 Special Fire Fighting Procedures: NA
 Unusual Fire & Explosion Hazards: BURNING WILL PRODUCE TOXIC FUMES

SECTION V -- REACTIVITY DATA

Stability : STABLE
 Conditions to Avoid : NONE
 Incompatibility : NA
 Hazardous Polymerization : BURNING WILL PRODUCE TOXIC FUMES

SECTION VI -- HEALTH HAZARD DATA

Carcinogenicity : NTP:NO IARC:NO NTP:NO
 Chronic Health Hazards : Refer to Effects of Overexposure
 Medical Conditions Generally Aggravated by Exposure : A review of available data does not identify any worsening of existing conditions not elsewhere mentioned in this MSDS.
 Effects of Over Exposure : LIQUID PRODUCT CONTACT MAY POSSIBLE CAUSE SOME SKIN AND EYE IRRITATION.

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Emergency First Aid Procedures :

Inhalation: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION OR OXYGEN IF NEEDED.

Ingestion: INDUCE VOMITING IF VICTIM IS CONSCIOUS. CALL A PHYSICIAN.

Skin Contact: WASH SKIN WITH SOAP AND WATER.

Eye Contact: FLUSH EYES WITH PLENTY OF WATER FOR 15 MINUTES. CALL A PHYSICIAN IF IRRITATION PERSISTS.

SECTION VII -- PRECAUTIONS FOR SAFE HANDLING AND USE

Spill and Leak Procedure: FLUSH WITH PLENTY OF WATER AND COVER WITH INERT ABSORBENT MATERIAL AND REMOVE TO SUITABLE DISPOSAL CONTAINER.

Waste Disposal: OBEY RELEVANT LOCAL, STATE AND FEDERAL LAWS.

Precautions to be taken in handling and storage: PROTECT FROM EXTREME COLD.

SECTION VIII -- CONTROL MEASURES

Respiratory Protection: A NIOSH/MSHA APPROVED RESPIRATOR AS NECESSARY.

Ventilation: GENERAL; LOCAL EXHAUST VENTILATION AS NECESSARY TO CONTROL MIST OR DUST.

Protective Gloves: IMPERMEABLE GLOVES TO MINIMIZE SKIN CONTACT.

Eye Protection: CHEMICAL GOGGLES OR FACE SHIELD.

Other Protective Measures:

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THIS PRODUCT HAS BEEN REVIEWED AND APPROVED TO BE LABELED AS NON-TOXIC BY THE ART AND CRAFT MATERIAL INSTITUTE.

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MATERIAL SAFETY DATA SHEET

Product: 803 Sasin Sealer

SECTION I - SUPPLIER INFORMATION

Manufacturer : 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 : 02/27/1997

SECTION II -- HAZARDOUS INGREDIENT INFORMATION

Ingredient	% Wt.	Pel-OSHA	TLV-ACGIH
MINERAL SPIRITS	21.6	100 ppm	100 ppm
PETROLEUM NAPHTHA	52.1	300 ppm	300 ppm

SECTION III -- PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance and Odor : SOLVENT THINNED CLEAR LIQUID
 Boiling Point : 135 F
 Specific Gravity (Water = 1) :
 Melting Point : N/A
 Vapor Pressure : 1 mm Hg @ 68 F
 Vapor Density (Air = 1) : HEAVIER THAN AIR
 Evaporation Rate (Butyl Acetate = 1) : SLOWER THAN ETHER

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point : Over 100 F P.M.C.C. DRY IEL 1.0% COMBUSTIBLE
 Flammable Limits : NA
 Extinguishing Media : FOAM, DRY CHEM., CO2, H2O SPRAY
 Special Fire Fighting Procedures: DO NOT USE WATER STREAM ON BURNING LIQUID COOL EXPOSED CONTAINERS WITH WATER.
 Unusual Fire & Explosion Hazards: EXTREMELY FLAMMABLE. KEEP CONTAINERS CLOSED WHEN NOT IN USE. ISOLATE FROM FLAME AND SPARKS. AVOID TOBACCO SMOKING WHEN USING THIS MATERIAL.

SECTION V - REACTIVITY DATA

Stability : STABLE
 Conditions to Avoid : NONE
 Incompatibility : NA
 Hazardous Polymerization : BURNING WILL PRODUCE TOXIC FUMES

SECTION VI - HEALTH HAZARD DATA

Medical Conditions Generally Aggravated by Exposure : A review of available data does not identify any worsening of existing conditions not elsewhere mentioned in this MSDS.
 Effects of Over Exposure : METHANOL VAPORS CAUSE LOCAL IRRITATION OF EYES, HEADACHE, SENSATION OF HEAT, FATIGUE AND DROWSINESS.

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Emergency First Aid Procedures :

Inhalation: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION OR OXYGEN IF NEEDED.

Ingestion: INDUCE VOMITING IF VICTIM IS CONSCIOUS. CALL A PHYSICIAN.

Skin Contact: WASH SKIN WITH SOAP AND WATER.

Eye Contact: FLUSH EYES WITH PLENTY OF WATER FOR 15 MINUTES. CALL A PHYSICIAN IF IRRITATION PERSISTS.

SECTION VII -- PRECAUTIONS FOR SAFE HANDLING AND USE

Spill and Leak Procedure: REMOVE SOURCES OF IGNITION. FLUSH WITH PLENTY OF WATER AND COVER WITH INERT ABSORBENT MATERIAL AND REMOVE TO SUITABLE DISPOSAL CONTAINER.

Waste Disposal: OBEY RELEVANT LOCAL, STATE AND FEDERAL LAWS.

Precautions to be taken in handling and storage: PROTECT FROM EXTREME COLD.

SECTION VIII -- CONTROL MEASURES

Respiratory Protection: A NIOSH/MSHA APPROVED RESPIRATOR AS NECESSARY.

Ventilation: GENERAL, LOCAL EXHAUST VENTILATION AS NECESSARY TO CONTROL MIST OR DUST.

Protective Gloves: IMPERMEABLE GLOVES TO MINIMIZE SKIN CONTACT.

Eye Protection: CHEMICAL GOGGLES OR FACE SHIELD.

Other Protective Measures:

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