

Rev 03-30-01

HOUSTON ART, INC.  
10770 Moss Ridge Road  
Houston, Texas 77043-1175

USA (3627-00)

27001-4059



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MATERIAL SAFETY DATA SHEET

CHEMICAL NAME AND SYNONYMS : IMITATION GOLD LEAF  
TRADE NAME AND SYNONYMS : COMPOSITION GOLD LEAF / VARIEGATED LEAF  
CHEMICAL FAMILY : BRASS BEATEN METAL  
ALLOY CONSISTS : COPPER (CAS NO. 7440-50-8) 85%  
ZINC (CAS NO. 7440-66-8) 15%

HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>PERCENT</u>	<u>PPM</u>	<u>VAPOR PRESSURE</u>
BRASS METAL	100%	NA	NA

PHYSICAL DATA

BOILING POINT : NA  
VAPOR DENSITY : NA PERCENT VOLATILE BY VOLUME 0  
EVAPORATION RATE : NA WEIGHT PER M<sup>3</sup> 8800  
SOLUBILITY IN WATER : NA

FIRE EXPLOSION HAZARD DATA

FLASH POINT : NA  
EXTINGUISHING MEDIA : CARBON DIOXIDE- DRY POWDER- FOAM  
UNUSUAL, FIRE AND EXPLOSION HAZARDS : NONE  
SPECIAL FIRE FIGHTING PROCEDURES : SELF CONTAINED  
BEATING APPARATUS

1000

Phone: (713) 462-1086

Toll Free: (800) 272-3804

Fax: (713) 462-1783

E-Mail: houart@worldnet.att.net

USA



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**HEALTH HAZARDS**

EFFECTS OF OVEREXPOSURE : NONE

**REACTIVITY DATA**

STABILITY STABLE CONDITIONS TO AVOID : HEAT, SPARKS, OPEN FLAMES

HAZARDOUS DECOMPOSITION PRODUCTS : NONE

HAZARDOUS POLYMERIZATION : WILL NOT OCCUR

**SPECIAL PRECAUTIONS**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING : STORE IN A DRY AREA

OTHER PRECAUTIONS : KEEP AWAY FROM OPEN FLAME-KEEP CONTAINERS TIGHTLY SEALED

*Gold Leaf*

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**HOUSTON ART, INC.**  
10770 Main Street Road

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USA

#210 Adhesive Size

Medical Conditions Generally Aggravated by Exposure :  
Effects of Over Exposure: LIQUID PRODUCT CONTACT MAY POSSIBLY CAUSE SOME SKIN AND EYE IRRITATION.

Emergency First Aid Procedures :  
EYE CONTACT- IMMEDIATELY FLUSH WITH LARGE QUANTITIES OF WATER FOR AT LEAST 15 MINUTES WHILE HOLDING THE EYELIDS OPEN. CONTACT A PHYSICIAN IMMEDIATELY.

SKIN CONTACT- IMMEDIATELY REMOVE CONTAMINATED CLOTHING AND FLUSH AREA WITH LARGE QUANTITIES OF WATER FOR AT LEAST 15 MINUTES. CONTACT A PHYSICIAN IF IRRITATION DEVELOPS.

INGESTION- IF PATIENT IS CONSCIOUS GIVE SEVERAL GLASSES OF WATER FOR DILUTION EFFECT AND CONTACT A PHYSICIAN. DO NOT INDUCE VOMITING. DO NOT GIVE AN UNCONSCIOUS PERSON ANYTHING BY MOUTH.

INHALATION- REMOVE FROM CONTAMINATED ATMOSPHERE. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION THEN OXYGEN IF NEEDED. CONTACT A PHYSICIAN.

Note to Physician: NONE

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SECTION VII -- PRECAUTIONS FOR SAFE HANDLING AND USE  
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Spill and Leak Procedure : FLUSH WITH WATER. COVER WITH INERT ABSORBENT MATERIAL AND REMOVE TO DISPOSAL CONTAINER. OBSERVE ALL RELEVANT FEDERAL, STATE AND LOCAL LAWS.

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 : PROTECT FROM EXTREME COLD.

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SECTION VIII -- CONTROL MEASURES  
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Respiratory Protection : A NIOSH/MSHA APPROVED RESPIRATOR AS NECESSARY IF PRODUCT MIST IS PRESENT.

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

Protective Gloves : IMPERMEABLE GLOVES TO MINIMIZE SKIN CONTACT.

Eye Protection : CHEMICAL GOGGLES OF FACE SHIELD.

Other Protective Equipment : WASH CONTAMINATED CLOTHING BEFORE REUSE.

Work/Hygienic Practices : AVOID CONTACT WITH EYES, SKIN AND CLOTHING. USE WITH ADEQUATE VENTILATION.

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

M A T E R I A L   S A F E T Y   D A T A   S H E E T

Product: #210 ADHESIVE SIZE

SECTION I -- SUPPLIER INFORMATION

Manufacturer : HOUSTON ART INC                      Date Prepared : 10-06-92  
 Address : 10770 MOSS RIDGE RD  
 City, St, Zip : HOUSTON TEXAS 77043  
 Phone : 713 462 1086

SECTION II -- HAZARDOUS INGREDIENT INFORMATION

Ingredient	% Wt.	PEL-OSHA	TLV-ACGIH
VINYL ACETATE-DIOCTYL MALEATE-2-ETHYLHEXYL ACRYLATE CAS 25280-35-7	31	NON HAZARDOUS	
PROPYLENE GLYCOL CAS 57-55-6	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 : AQUEOUS SYSTEM  
 Flammable Limits : N/A  
 Extinguishing Media : EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING FIRE.  
 Special Fire Fighting Procedures : NONE  
 Unusual Fire and Explosion Hazards : NONE

SECTION V -- REACTIVITY DATA

Stability : STABLE  
 Conditions to Avoid : NONE  
 Incompatibility : NONE  
 Hazardous Decomposition Products : BURNING OF DRIED MATERIAL MAY PRODUCE TOXIC FUMES.  
 Hazardous Polymerization : WILL NOT OCCUR.

SECTION VI -- HEALTH HAZARD DATA

Carcinogenicity : NTP: NO                      IARC: NO                      OSHA: NO  
 Chronic Health Hazards : NONE

MATERIAL SAFETY DATA SHEET

MANUFACTURER: HOUSTON ART &amp; FRAME

DATE: 3-30-88

ADDRESS: P. O. Box 56146  
CITY, STATE, ZIP Houston, Tx 77256  
EMERGENCY PH: NO. (713) 622-7042

## -----SECTION 01 -- IDENTIFICATION OF PRODUCT-----

TRADE NAME: Gold Leaf Sealer PROD #218  
PRODUCT CLASS: Solvent Thinned Coating

## -----SECTION 02 --- HAZARDOUS COMPONENTS OF MIXTURES-----

Components	Percent	TLV-ACGIH	Vap.Pres.
Mineral Spirits	21.6	100 ppm	1mm Hg @ 68F
Petroleum Naptha	52.1	300 ppm	1mm Hg @ 68F

## -----SECTION 03 --- PHYSICAL DATA -----

ODOR: Ketone	MELTING POINT: n/a
BOILING POINT: 135 E/310 F	SPECIFIC GRAVITY:
VAPOR PRESSURE: 1 mm Hg @68 F	PERCENT VOLATILE: 75.7
VAPOR DENSITY: Heavier than air	EVAP. RATE: Slower than ether
SOLUBILITY IN WATER: Insoluble	WT/ GALLON: 7.06

## -----SECTION 04 --- FIRE AND EXPLOSION HAZARD DATA-----

FLASH POINT: 85 F-P.M.C.C. Dry LEL 1.0% Combustible  
 FIRE EXTINGUISHER MEDIA: Foamm Dry Chem. CO2, H2O spray  
 SPECIAL FIRE FIGHTING PROCEDURE: Do not use water stream on  
 burning liquid. Cool exposed containers with water.  
 UNUSUAL FIRE AND EXPLOSION HAZARDS: Extremely flammable. Keep  
 containers closed when not in use. Isolate from flame and sparks.  
 Avoid tobacco smoking when working with this material.

## -----SECTION 05 --- HEALTH HAZARD DATA -----

ACGIH TLV (OSHA PEL) : SEE SECTION 02  
 EFFECTS OF OVER EXPOSURE: METHANOL VAPORS CAUSE LOCAL IRRITATION  
 OF EYES, HEADACHE, SENSATION OF HEAT, FATIGUE AND DROWINESS.  
 CAUTION -- MAY BE HARMFUL IF SWALLOWED. INHALATION OF VAPORS IN  
 EXCESS OF TLV CAUSES RESPIRATORY IRRITATION AND CENTRAL NERVOUS  
 SYSTEM EFFECT. IRRITATING TO EYES AND SKIN.  
 EMERGENCY FIRST AID PROCEDURE: INHALATION -- REMOVE TO FRESH AIR  
 AND GIVE ARTIFICIAL RESPIRATION OR OXYGEN IF NEEDED. INGESTION--  
 INDUCE VOMITING IF VICTIM IS CONSCIOUS. CALL A PHYSICIAN. NEVER  
 GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CONTACT -- WASH  
 SKIN WITH SOAP AND WATER. FLUSH EYES WITH PLENTY OF WATER FOR 15  
 MIN. CALL A PHYSICIAN IF IRRITATION PERSISTS.

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SECTION 06 - - - REACTIVITY DATA - - -

STABILITY: STABLE  
INCOMPATIBILITY: N/A  
HAZARDOUS DECOMPOSITION: BURNING WILL PRODUCE TOXIC FUMES  
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

SECTION 07 - - - SPILL OR LEAK PROCEDURE - - -

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED;  
REMOVE SOURCES OF IGNITION AND VENTILATE AREA. COVER WITH INERT,  
ABSORBENT MATERIAL AND REMOVE TO DISPOSAL CONTAINER. WASTE DIS-  
POSAL: OBSERVE ALL RELEVANT FEDERAL, STATE AND LOCAL LAWS. DO NOT  
CONTAMINATE ANY LAKES, STREAMS, PONDS OR UNDERGROUND WATER SUPPLY,  
DO NOT INCINERATE SEALED CONTAINERS.

SECTION 08 - - - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: IF EXPOSURE EXCEEDS TLV, USE APPROPRIATE  
NIOSH APPROVED PROTECTIVE EQUIPMENT, VENTILATION: LOCAL EXHAUST  
RECOMMENDED. MECHANICAL VENTILATION RECOMMENDED. PROTECTIVE  
GLOVES; IMPERMEABLE GLOVES TO MINIMIZE SKIN CONTACT. EYE PROTECTION;  
CHEMICAL SPLASH GOGGLES OR FACE SHIELD. OTHER PROTECTIVE EQUIPMENT;  
EYE WASH FOUNTAIN, SAFETY SHOWER. WASH CONTAMINATED CLOTHING BEFORE  
REUSE.

SECTION 09 - - - SPECIAL PRECAUTIONS - - -

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE. CAUTION--MAY BE  
HARMFUL IF SWALLOWED. BREATHING VAPOR OR MIST MAY BE HARMFUL, USE  
WITH ADEQUATE VENTILATION. AVOID EYE AND SKIN CONTACT, KEEP FROM  
SOURCE OF HEAT AND OPEN FLAME. KEEP OUT OF REACH OF CHILDREN.

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