

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: GOLD PAINT
PRODUCT CODE: 370

HMIS CODES: H F R P
1 2 0

SECTION I – MANUFACTURER IDENTIFICATION

MANUFACTURE'S NAME: UNITED GILSONITE LABORATORIES
ADDRESS: 1396 JEFFERSON AVENUE
SCRANTON, PA 18509

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NAME OF PREPARER: R. BARAKO

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SUPERSEDES: AUGUST 2001

SECTION II – HAZARDOUS INGREDIENTS/SARA III INFORMATION

| HAZARDOUS COMPONENTS | CAS NUMBER | OCCUPATIONAL EXPOSURE LIMITS | | | VAPOR PRESSURE mmHg@TEMP | WEIGHT PERCENT |
|------------------------------------|------------|------------------------------|-----------|-----------|-----------------------------|-------------------|
| | | OSHA PEL | ACGIH TLV | OTHER | | |
| *AROMATIC HYDROCARBON - MIXTURE | 64742-95-6 | NOT ESTAB | NOT ESTAB | NOT ESTAB | 3.0 (68F) | 56 |
| HYDROCARBON RESIN | NOT ESTAB | NOT ESTAB | NOT ESTAB | NOT ESTAB | N/A | 20 |
| POLYSTYRENE RESIN | NOT ESTAB | NOT ESTAB | NOT ESTAB | NOT ESTAB | N/A | <5 |
| *BRASS FLAKED METAL – PIGMENT | MIXTURE | NOT ESTAB | NOT ESTAB | NOT ESTAB | N/A | 20 |

*INDICATES TOXIC CHEMICAL (S) SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 AND OF 40 CFR 372.

*AROMATIC HYDROCARBON MIXTURE CONTAINS: 1,2,4 TRIMETHYLBENZENE (CAS 95-63-6) 20%, XYLENE (CAS 1330-20-7) 4% AND CUMENE (CAS 98-82-8) 3%.

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: 313-355 F

VAPOR DENSITY: HEAVIER THAN AIR

COATING VOC: 5.18 LB/GAL (620 G/L)

SOLUBILITY IN WATER: INSOLUBLE

APPEARANCE AND ODOR: TYPICAL GOLD APPEARANCE WITH AROMATIC ODOR

SPECIFIC GRAVITY (H₂O =1) 1.1

EVAPORATION RATE: SLOWER THAN ETHER

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASHPOINT: 114 F

FLAMMABLE LIMITS IN AIR BY VOLUME:

METHOD USED: TCC

LOWER: 0.6% **UPPER:** 7.0%

EXTINGUISHING MEDIA: FOAM, ALCOHOL FOAM, CO₂, DRY CHEMICAL, WATER FOG

SPECIAL FIRE FIGHTING PROCEDURES: FIREFIGHTERS AND OTHERS EXPOSED TO VAPORS OR PRODUCTS OF COMBUSTION SHOULD WEAR A SELF CONTAINED BREATHING APPARATUS.

UNUSUAL FIRE AND EXPLOSION HAZARDS: KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, SPARKS, ELECTRICAL EQUIPMENT AND OPEN FLAMES. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT.

SECTION V – REACTIVITY DATA

STABILITY: PRODUCT IS STABLE

CONDITIONS TO AVOID: HEAT, SPARKS, OPEN FLAMES,

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: FUMES, SMOKE, CARBON DIOXIDE, CARBON MONOXIDE, ALDEHYDES AND OTHER DECOMPOSITION BY PRODUCTS IN CASE OF INCOMPLETE COMBUSTION.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VI – HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: EXCESSIVE EXPOSURE TO VAPORS OR SPRAY MISTS CAN RESULT IN HEADACHE, DIZZINESS, INCOORDINATION, NAUSEA AND LOSS OF CONSCIOUSNESS

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: THIS MATERIAL MAY BE AN EYE IRRITANT.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: THIS MATERIAL MAY CAUSE DEFATTING AND IRRITATION OF THE SKIN. PROLONGED OR REPEATED CONTACT MAY CAUSE DERMATITIS

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: MAY PRODUCE SIGNS OF INTOXICATION CHARACTERIZED BY INCOORDINATION, DIZZINESS, DROWSINESS, HEADACHE, NAUSEA, MENTAL CONFUSION DEPENDING ON THE QUANTITY OF MATERIAL INGESTED.

HEALTH HAZARDS (ACUTE AND CHRONIC): REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND CENTRAL NERVOUS SYDTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING VAPORS FROM THIS PRODUCT MAY BE HARMFUL OR FATAL.

CARCINOGENICITY: NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: KIDNEY DISEASES, RESPIRATORY ILLNESSES, SKIN ALLERGIES

EMERGENCY AND FIRST AID PROCEDURES:

EYES: FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. TAKE TO A PHYSICIAN FOR MEDICAL ATTENTION

SKIN: WASH AFFECTED AREA WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. CONSULT A PHYSICIAN IF IRRITATION PERSISTS.

INGESTION: SEEK MEDICAL ATTENTION. IF INDIVIDUAL IS DROWSY OR UNCONSCIOUS, DO NOT GIVE ANYTHING BY MOUTH. PLACE INDIVIDUAL ON THE LEFT SIDE WITH HEAD DOWN. CONTACT PHYSICIAN, MEDICAL FACILITY OR POISON CONTROL CENTER FOR ADVICE ABOUT WHETHER TO INDUCE VOMTING.

INHALATION: REMOVE VICTIM TO FRESH AIR

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: REMOVE ANY SOURCES OF IGNITION. PROVIDE ADEQUATE VENTILATION AND / OR SELF CONTAINED BREATHING APPARATUS. DIKE SPILL, APPLY ABSORBENT MATERIAL. AVOID BREATHING VAPORS.

WASTE DISPOSAL METHOD: USING NON SPARKING TOOLS SCRAPE UP AND STORE IN CLOSED METAL CONTAINER. DISPOSE OF IN APPROVED SITES ACCORDING TO LOCAL, STATE AND FEDERAL REGULATIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: AVOID STORAGE AT TEMPERATURES GREATER THAN 90 DEGREES (F) OR NEAR HEAT, SPARKS, ELECTRICAL EQUIPMENT OR OPEN FLAMES

OTHER PRECAUTIONS: AVOID PROLONGED BREATHING OF VAPORS OR CONTACT WITH SKIN. PREVENT PROLONGED OR REPEATED BREATHING OF VAPOR OR SPRAY MIST. TO AVOID SPONTANEOUS COMBUSTION DURING TEMPORARY STORAGE, SOAK RAGS AND WASTE IMMEDIATELY AFTER USE IN A WATER FILLED CLOSED METAL CONTAINER.

SECTIONS VIII – CONTROL MEASURES

RESPIRATORY PROTECTION: WEAR NIOSH APPROVED RESPIRATOR WITH ORGANIC VAPOR AND SOLID PARTICLE CARTRIDGES

VENTILATION: USE ADEQUATE VENTILATION IN VOLUME AND PATTERN TO MAINTAIN EXPOSURE LEVELS BELOW THAT LISTED IN SECTION II

PROTECTIVE GLOVES: USE NEOPRENE RUBBER GLOVES TO PREVENT SKIN CONTACT

EYE PROTECTION: USE SAFETY EYEWEAR WITH SPLASH GUARDS OR SIDE SHIELDS

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE

WORK / HYGIENIC PRACTICES: WASH HANDS BEFORE EATING, SMOKING OR USING WASH ROOM

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