

Yellow Ochre

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Supplier Information:Santa Fe Jewellery Supply
1513 Fifth Street Santa Fe, NM 87505EMERGENCY PHONE.....: 800-255-3924
PREPARATION/REVISION DATE: 08/12/91TRADE NAME/SYNONYMS...: YELLOW OCHRE POWDER 1/2 LB CAN
CHEMICAL NAME/SYNONYMS: FE2O2H2O
CHEMICAL FAMILY.....:
FORMULA.....:
PRODUCT CODE.....: 54.470

***** HAZARDOUS INGREDIENTS *****

DOES PRODUCT CONTAIN HAZARDOUS INGREDIENTS? (Y,N,N/A,N/I) : Y
CHEMICAL/Common Name CAS-Number % PEL-OSHA TLV-ACGIH
IRON OXIDE YELLOW 51274-00-1 10MG/M3 5MG/M3

DOES PRODUCT CONTAIN CARCINOGENS (NTP, IARC, OR OSHA)? (Y,N,N/A,N/I): N

***** HEALTH HAZARD DATA *****

HEALTH EFFECTS (ACUTE AND CHRONIC)
CAUSES MECHANICAL SKIN AND EYE IRRITATION. REPEATED AND PROLONGED EXPOSURES TO IRON OXIDE DUST MAY CAUSE A BENIGN PNEUMOCONIOSIS CALLED SIDEROSIS. CHRONIC EFFECT(S): PROLONGED INHALATION OF IRON OXIDE DUST IS KNOWN TO PRODUCE A CONDITION KNOWN AS SIDEROSIS. ON X-RAYS IT APPEARS TO BE A BENIGN PNEUMOCONIOSIS AND IS NOT ASSOCIATED WITH PULMONARY FIBROSIS OR DISABILITY UNLESS THERE IS CONCURRENT EXPOSURE TO OTHER FIBROSIS-PRODUCING MATERIALS SUCH AS SILICA. THE TLV IS SET TO PROTECT AGAINST SIDEROSIS.**PRIMARY ROUTES OF ENTRY**
INHALATION, INGESTION, SKIN AND EYE CONTACT**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE**
N/A**EMERGENCY FIRST AID PROCEDURES**
EYE CONTACT: FLUSH EYES WITH GENEROUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN IF IRRITATION PERSISTS.
SKIN CONTACT: WASH SKIN WITH MILD SOAP AND WATER.
INHALATION: REMOVE TO FRESH AIR. CALL A PHYSICIAN.
INGESTION: IF CONSCIOUS, GIVE LARGE QUANTITIES OF WATER TO INCLUDE VOMITING. GET MEDICAL ATTENTION.

***** CHEMICAL DATA *****

BOILING POINT(F).... N/A SPECIFIC GRAVITY(WATER=1)..... 4.03
VAPOR PRESSURE(MMHG) N/A PERCENT VOLATILE BY VOLUME(%)..... 0
VAPOR DENSITY(AIR=1) N/A EVAP RATE(N/A =1) N/A

SOLUBILITY IN WATER.. INSOLUBLE

APPEARANCE AND ODOR INFORMATION
YELLOW POWDER, NO ODOR

***** PHYSICAL HAZARD DATA *****

FLASH POINT (METHOD USED) N/A FLAMMABLE LIMITS-LEL= N/A UEL= N/A

EXTINGUISHING MEDIA
NOT FLAMMABLE. USE APPROPRIATE EXTINGUISHING MEDIA FOR THE COMBUSTIBLE MATERIAL INVOLVED IN THE FIRE.**SPECIAL FIRE FIGHTING PROCEDURES**
FIREFIGHTERS SHOULD USE SELF-CONTAINED BREATHING APPARATUS**UNUSUAL FIRE AND EXPLOSION HAZARDS**
NONE

***** REACTIVITY DATA *****

INCOMPATIBILITY (MATERIALS TO AVOID)
IT IS INCOMPATIBLE WITH HYDRAZINE, CALCIUM HYPOCHLORITE, PERFORMIC ACID, AND BROMINE PENTAFLOURIDE.

HAZARDOUS DECOMPOSITION PRODUCTS
NONE

WILL HAZARDOUS POLYMERIZATION OCCUR
WILL NOT OCCUR

CONDITIONS TO AVOID/POLYMERIZATION
N/A

IS THE PRODUCT STABLE
YES

CONDITIONS TO AVOID/STABILITY
N/A

***** SPILL AND LEAK PROCEDURES *****

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
VACUUM OR USE WET CLEAN-UP TECHNIQUES AND PLACE WASTE MATERIAL IN CLOSED CONTAINER.

WASTE DISPOSAL METHOD
DISPOSAL MUST BE MADE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. PURSUANT TO 40 CFR PART 261 OF THE RESOURCE CONSERVATION & RECOVERY ACT (RCRA) REGULATIONS CURRENTLY IN EFFECT. DISCARDED IRON OXIDE WOULD NOT BE CLASSIFIED AS A HAZARDOUS WASTE.

***** EXPOSURE CONTROL INFORMATION *****

VENTILATION

LOCAL EXHAUST SPECIAL.....	LOCAL EXHAUST N/A	MECHANICAL (GEN) OTHER.....	COLLECTOR N/A
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RESPIRATORY PROTECTION
USE OF NIOSH APPROVED DUST RESPIRATOR IS RECOMMENDED WHEN EXPOSURE LIMITS MAY BE EXCEEDED.

PROTECTIVE GLOVES
RUBBER OR LEATHER GLOVES.

OTHER PROTECTIVE EQUIPMENT
WEAR SAFETY GLASSES OR GOGGLES TO PROTECT AGAINST DUST PARTICLES.
AN EYE WASH STATION SHOULD BE AVAILABLE TO THE AREA OF USE.

OTHER ENGINEERING CONTROLS
N/A

WORK PRACTICES
IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE PRACTICE, AVOID CONTACT WITH SKIN EYES OR CLOTHING. AVOID BREATHING DUST. KEEP AWAY FROM FOOD PRODUCTS. KEEP CONTAINER CLOSED WHEN NOT IN USE. USE WITH ADEQUATE, LOCALIZED VENTILATION. WASH THOROUGHLY BEFORE EATING, DRINKING OR USING TOBACCO PRODUCTS.

HYGENIC PRACTICES
FOLLOW GOOD PERSONAL HYGIENE PRACTICES.

***** SPECIAL PRECAUTIONS *****

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
KEEP CONTAINER CLOSED WHEN NOT IN USE.

MAINTENANCE PRECAUTIONS
N/A

OTHER PRECAUTIONS
N/A

OTHER COMMENTS
THERE ARE EXTREMELY SMALL, BUT DETECTABLE AMOUNTS OF SUBSTANCES REGULATED UNDER CALIFORNIA'S SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65).
ARSENIC - LESS THAN 2 PPM, BERYLLIUM - LESS THAN 2 PPM, CADMIUM - LESS THAN 2 PPM, CHROMIUM (VI) - LESS THAN 0.1 PPM, LEAD - LESS THAN 10 PPM
THESE LEVELS ARE "TYPICAL" QUANTITIES AND MAY CHANGE SLIGHTLY WITH DIFFERENT LOTS. THE TERM "LESS THAN" INDICATES THAT THE SUBSTANCE WAS DETECTED, BUT THE AMOUNT WAS LESS THAN THE QUANTIFIABLE LIMIT.