



SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT

Product Name: Transparent Earth Red Dry Pigment
Transparent Earth Yellow Dry Pigment
Product Description: Dry pigment
Intended Use: Fine art painting and decorative coatings

COMPANY

Company Name: Gamblin Artists Colors
Company Address: 323 SE Division Pl.
Portland, OR 97202
USA
Company Phone: 503-235-1945
Emergency Phone: Local Emergency Room

SECTION 2: HAZARDS IDENTIFICATION

GHS HAZARD CLASSIFICATION: NOT CLASSIFIED

GHS LABEL ELEMENTS:

SIGNAL WORD: NO SIGNAL WORD

LABEL CODES / PICTOGRAMS:

NO PICTOGRAMS

HAZARD STATEMENTS: NONE UNDER GHS CLASSIFICATION

Physical hazards: Not Classified

Health hazards: Not Classified

Environmental hazards: Not Classified

Human health: May be slightly irritating to eyes. Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases. May be slightly irritating to skin.

Environmental: The product is not expected to be hazardous to the environment.

PRECAUTIONARY STATEMENTS

PREVENTION: NONE ASSIGNED UNDER GHS
RESPONSE: NONE ASSIGNED UNDER GHS
STORAGE: NONE ASSIGNED UNDER GHS
DISPOSAL: NONE ASSIGNED UNDER GHS



SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS:

Chemical Name	Common Name	CAS#	Concentration 0(%)
C.I. PIGMENT YELLOW 42 REACH registration number: 01-2119457554-33-0015	Transparent Iron Oxide Yellow	51274-00-16	60 - 100
C.I. PIGMENT RED 101 REACH Registration Number: 01-2119457614-35-0051	Transparent Iron Oxide Red	1309-37-1	90 - 100

SECTION 4: FIRST AID MEASURES

FIRST AID/RESPONSE

Eyes:	IF IN EYES RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING. GET MEDICAL ADVICE/ATTENTION IF IRRITATION OCCURS.
Skin:	IF ON SKIN PROMPTLY WASH OFF WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING. GET MEDICAL ADVICE/ATTENTION IF IRRITATION OCCURS. WASH CONTAMINATED CLOTHING BEFORE REUSE.
Inhalation:	IF INHALED REMOVE VICTIM TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING. GET MEDICAL ADVICE/ATTENTION IF ANY ADVERSE SYMPTOMS OCCUR.
Ingestion:	IF SWALLOWED RINSE MOUTH WITH WATER, THEN DRINK WATER TO DILUTE. INDUCE VOMITING ONLY UNDER THE DIRECTION OF MEDICAL PERSONNEL. NEVER GIVE ANYTHING BY MOUTH IF THE VICTIM IS UNCONSCIOUS. GET MEDICAL ATTENTION IF LARGE QUANTITY IS INGESTED OR IF YOU FEEL UNWELL.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED

General information

See Section 11 for additional information on health hazards. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation

Inhalation causes coughing, sneezing and respiratory problems.



Ingestion

May cause discomfort if swallowed. May cause stomach pain or vomiting.

Skin contact

Skin contact may cause irritation due to mechanical action on sensitive skin.

Eye contact

Eye contact causes irritation due to mechanical action and secretion of tears.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED, IF NECESSARY

Notes for the doctor: Treat symptomatically.

Specific treatments: No special treatment required.

SECTION 5: FIRE FIGHTING MEASURES

FIRE FIGHTING

Extinguishing Media:

Suitable extinguishing media:

The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing media:

Do not use water jet as an extinguisher, as this will spread the fire.

Special hazards arising from the substance or mixture

Specific hazards: None known.

Hazardous combustion products:

Thermal decomposition or combustion products may include the following substances:

Harmful gases or vapors.

Advice for firefighters

Protective actions during firefighting

Avoid breathing fire gases or vapors. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out.

Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions

No action shall be taken without appropriate training or involving any personal risk. Keep unnecessary and unprotected personnel away from the spillage. Wear protective clothing as described in Section 8 of this safety data sheet. Follow precautions for safe handling described in this safety data sheet. Wash thoroughly after dealing with a spillage.



Environmental precautions

Avoid discharge to the aquatic environment. Large Spillages: Inform the relevant authorities if environmental pollution occurs (sewers, waterways, soil or air).

Methods for clean up:

Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Reuse or recycle products wherever possible. Approach the spillage from upwind. Collect spillage with a shovel and broom, or similar and reuse, if possible. Collect and place in suitable waste disposal containers and seal securely. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling:

Usage precautions

Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Keep container tightly sealed when not in use.

Advice on general occupational hygiene

Wash promptly if skin becomes contaminated. Take off contaminated clothing and wash before reuse. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet. Change work clothing daily before leaving workplace.

Cautions for Safe Storage:

Storage precautions Store in accordance with local regulations.

Storage class Unspecified storage.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredient comments

Transparent Earth Yellow

Total Inhalable Dust 10mg/m³ - 8hr TWA. Total respirable Dust 4mg/m³ - 8hr TWA TLV ACGIH (2006)

Transparent Earth Red

TLV-TWA 5 mg/m³ resp dust (ACGIH 2006)

Exposure Controls:

Appropriate engineering controls

Provide adequate ventilation. Good general ventilation should be adequate to control worker exposure to airborne contaminants.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates



eye contact is possible. Personal protective equipment for eye and face protection should comply with European Standard EN166. No specific eye protection required during normal use.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with European Standard EN374. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.

Other skin and body protection

Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible.

Hygiene measures

Provide eyewash station and safety shower. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Clean equipment and the work area every day. Good personal hygiene procedures should be implemented. Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke.

Respiratory protection

Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Provide adequate ventilation. Large Spillages: If ventilation is inadequate, suitable respiratory protection must be worn.

Environmental exposure controls

Not regarded as dangerous for the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance:	Solid, fine powder
Color:	Red, Yellow
Odor:	Odorless
pH (concentrated solution):	7 – 9
Flash point:	Not applicable
Relative Density:	3 - 5
Solubility in water:	Insoluble
Partition coefficient, n-octanol/water:	Not applicable

SECTION 10: STABILITY AND REACTIVITY

Reactivity

There are no known reactivity hazards associated with this product.

Stability

Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.



Possibility of hazardous reactions

No potentially hazardous reactions known.

Conditions to avoid

There are no known conditions that are likely to result in a hazardous situation.

Materials to avoid

No specific material or group of materials is likely to react with the product to produce a hazardous situation.

Hazardous decomposition products

Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapors.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects

Toxicological effects Not regarded as a health hazard under current legislation.

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 5,000.0

Species Rat

Notes (oral LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - dermal

Notes (dermal LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Based on available data the classification criteria are not met.

Skin corrosion/irritation

Animal data Based on available data the classification criteria are not met.

Serious eye damage/irritation

Serious eye damage/irritation Based on available data the classification criteria are not met.

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitro Based on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity Based on available data the classification criteria are not met.

IARC carcinogenicity

None of the ingredients are listed or exempt.

Reproductive toxicity

Reproductive toxicity - fertility Based on available data the classification criteria are not met.

Reproductive toxicity - development Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT - single exposure Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard

Aspiration hazard Not relevant. Solid.



General information

No specific health hazards known. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation	No specific symptoms known.
Ingestion	May cause discomfort if swallowed. May cause stomach pain or vomiting.
Skin Contact	Prolonged contact may cause dryness of the skin.
Eye contact	No specific symptoms known. May be slightly irritating to eyes.
Route of entry	Ingestion Inhalation Skin and/or eye contact
Target Organs	No specific target organs known.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.

Toxicity

Based on available data the classification criteria are not met.

Acute toxicity - fish

LC50, 48 hours, 48 hours: > 1000 mg/l, *Leuciscus idus* (Golden orfe)

Persistence and degradability

The degradability of the product is not known.

Bioaccumulative potential

No data available on bioaccumulation.

Mobility in soil

No data available.

Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

General information

The generation of waste should be minimized or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements.

Disposal methods

Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste packaging should be collected for reuse or recycling. Incineration or landfill should only be considered when recycling is not feasible. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of the local water authority.

Waste class

Non Hazardous



SECTION 14: TRANSPORT INFORMATION

General

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).

UN Number	Not applicable.
UN proper shipping name	Not applicable.
Transport hazard class(es)	No transport warning sign required.
Packing group	Not applicable.

Environmental hazards

Environmentally Hazardous Substance No.

Special precautions for user Not applicable.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities

None of the ingredients are listed or exempt.

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)

None of the ingredients are listed or exempt.

SARA Extremely Hazardous Substances EPCRA Reportable Quantities

None of the ingredients are listed or exempt.

SARA 313 Emission Reporting

None of the ingredients are listed or exempt.

CAA Accidental Release Prevention

None of the ingredients are listed or exempt.

FDA - Essential Chemical

None of the ingredients are listed or exempt.

FDA - Precursor Chemical

None of the ingredients are listed or exempt.

SARA (311/312) Hazard Categories

None of the ingredients are listed or exempt.

OSHA Highly Hazardous Chemicals

None of the ingredients are listed or exempt.

US State Regulations

State Regulations Comments

California Prop 65 Warning: This product contains chemicals, as trace impurities and not intentionally added, known to the state of California to cause cancer (C) and birth defects or other reproductive (R) harm.

California Proposition 65 Carcinogens and Reproductive Toxins

None of the ingredients are listed or exempt.

California Air Toxics "Hot Spots" (A-I)

None of the ingredients are listed or exempt.

California Air Toxics "Hot Spots" (A-II)

None of the ingredients are listed or exempt.



California Directors List of Hazardous Substances

None of the ingredients are listed or exempt.

Massachusetts "Right To Know" List

None of the ingredients are listed or exempt.

Rhode Island "Right To Know" List

None of the ingredients are listed or exempt.

Minnesota "Right To Know" List

None of the ingredients are listed or exempt.

New Jersey "Right To Know" List

None of the ingredients are listed or exempt.

Pennsylvania "Right To Know" List

None of the ingredients are listed or exempt.

Inventories

US - TSCA

Present.

US - TSCA 12(b) Export Notification

None of the ingredients are listed or exempt.

SECTION 16: OTHER INFORMATION

ACA HMIS Health rating.

Minimal Hazard. (0) Chronic Hazard.

ACA HMIS Physical hazard rating.

Normally stable. (0)

ACA HMIS Personal protection rating.

E

ACA HMIS Flammability rating.

Will not burn. (0)

The information and recommendations contained herein are, to the best of Gamblin's knowledge and belief, accurate and reliable, but it is not warranted to be. You can contact Gamblin to ensure that this document is the most current available. The information and recommendations are offered for the user's consideration and examination. It is the user's responsibility to satisfy itself that the product is suitable for the intended use and it is the user's responsibility to carefully read the product label and follow instructions for safe use of the product.