



SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT

Product Name: Whiting 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:

Carcinogenicity: Category 1A

GHS LABEL ELEMENTS:

SIGNAL WORD: Danger

LABEL CODES / PICTOGRAMS:



HAZARD STATEMENTS: H350 May cause cancer.

PRECAUTIONARY STATEMENTS

PREVENTION: P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P281 Use personal protective equipment as required.
RESPONSE: P308 + P313 IF exposed or concerned: Get medical advice/ attention.
STORAGE: P405 Store locked up.



DISPOSAL: P501 Dispose of contents/ container to an approved waste disposal plant.

POTENTIAL HEALTH EFFECTS

Carcinogenicity:

IARC Group 1: Carcinogenic to humans
quartz (SiO₂) 14808-60-7

NTP

The NTP's Report on Carcinogens lists crystalline silica (respirable size) as a known human carcinogen.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS:

Chemical Name	CAS#	Concentration 0(%)
Limestone	1317-65-3	>= 90 - <= 100
quartz (SiO ₂)	14808-60-7	0.2

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: MOVE TO FRESH AIR IN CASE OF ACCIDENTAL INHALATION OF DUST OR FUMES FROM OVERHEATING OR COMBUSTION. GET MEDICAL ADVICE/ATTENTION IF ANY ADVERSE SYMPTOMS OCCUR.

Ingestion: IF SWALLOWED RINSE MOUTH WITH WATER, THEN DRINK WATER TO DILUTE. DO NOT GIVE MILK OR ALCOHOLIC BEVERAGES. 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.



SECTION 5: FIRE FIGHTING MEASURES

FIRE FIGHTING

Extinguishing Media: Use media suitable for the surrounding area

Special Fire Fighting Procedures:

Hazardous combustion products: No hazardous combustion products are known

Further information: Standard procedure for chemical fires.

Special protective equipment for fire-fighters:

In the event of fire, wear self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Avoid dust formation.

Environmental Precautions:

No special environmental precautions required.

Methods for clean up:

Sweep up and shovel.

Keep in suitable, closed containers for disposal.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling:

Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed.

For personal protection see section 8.

No special handling advice required.

Cautions for Safe Storage:

Keep container tightly closed in a dry and well-ventilated place.

Materials to Avoid:

Do not store near acids.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS:



Occupational Exposure Limits

Ingredients	CAS - No.	Value Type (form of exposure)	Control parameters/Permissible concentration	Basis
Limestone	1317-65-3	TWA (total dust)	15 mg/m ³	OSHA Z-1
		TWA (respirable fraction)	5 mg/m ³	OSHA Z-1
		TWA (Total dust)	15 mg/m ³	OSHA P0
		TWA (respirable dust fraction)	5 mg/m ³	OSHA P0
quartz (SiO ₂)	14808-60-7	TWA (total dust)	30 mg/m ³ / %SiO ₂ +2	OSHA Z-3
		TWA (respirable)	10 mg/m ³ / %SiO ₂ +2	OSHA Z-3
		TWA (respirable)	250 mppcf / %SiO ₂ +5	OSHA Z-3

Personal protective equipment

Respiratory protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hand protection

For prolonged or repeated contact use protective gloves.

Eye protection

Safety glasses

Skin and body protection

Protective suit

Hygiene measures

General industrial hygiene practice.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance: powder, granular

Color: White

Odor: Characteristic

pH: 8.5 - 9.5, Concentration: 100 g/l (20 °C) Method: DIN-ISO 787/9

Melting point: > 800 °C (1,013 hPa)

Decomposition: Decomposes below the melting point.

Boiling Point/Range: Decomposition: Decomposes below the boiling point.

Flash Point: Does not flash

Flammability (solid/gas) The product is not flammable.



Explosive Limits: Not applicable
Vapor Pressure: Not applicable
Density: 2.6 - 2.8 g/cm³ (68.00 °F, 1,013 hPa)
Solubility in water: 0.014 g/l (20 °C, 1,013 hPa)
0.018 g/l (75 °C, 1,013 hPa)
Partition coefficient: Not applicable
n-octanol/water
Autoignition temperature: Not applicable
Decomposition temperature: > 600 C
Explosive Qualities: Not explosive

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Stable under recommended storage conditions.
Chemical Stability: No decomposition if stored and applied as directed.
Conditions/Materials to Avoid: no data available
Hazardous Decomposition Products: Carbon dioxide (CO₂)
Possibility of Hazardous Reactions: Stable under recommended storage conditions.
No decomposition if used as directed.
Reacts with acids. It forms carbon dioxide (CO₂). This displaces the oxygen in the air in closed spaces. (danger of suffocation)

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

PRODUCT:

Acute oral toxicity: LD50 Oral (Rat): > 5,000 mg/kg

INGREDIENTS:

Acute oral toxicity: LD50 Oral (Rat): > 5,000 mg/kg

RESPIRATORY OR SKIN SENSITIZATION

PRODUCT:

No data available

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Toxicity to fish LC50 (Oncorhynchus mykiss (rainbow trout)): > 10,000 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates



Toxicity to algae
EC50 (Daphnia magna (Water flea)): > 1,000 mg/l
Exposure time: 48 h
EC50 (Desmodesmus subspicatus (green algae)): > 200 mg/l
Exposure time: 72 h

Ingredients:
Limestone:

Toxicity to fish
LC50 (Oncorhynchus mykiss (rainbow trout)): > 10,000 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates
EC50 (Daphnia magna (Water flea)): > 1,000 mg/l
Exposure time: 48 h

Toxicity to algae
EC50 (Desmodesmus subspicatus (green algae)): > 200 mg/l
Exposure time: 72 h

PERSISTENCE AND DEGRADABILITY:

Product:

Biodegradability Not applicable

Bioaccumulative potential

Ingredients:

Limestone:

Partition coefficient: n-octanol/water

Not applicable

Mobility in soil

no data available

Other adverse effects

Product:

Ozone-Depletion Potential

Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information

In solid state these minerals are a major part of the rocks of the earth's surface. They are dissolved in a natural state and indispensable part of the natural waters. These minerals are not biodegradable. Negative effects on the environment should therefore be excluded. Restrictions may be indicated that concentrated suspensions these minerals in natural waters may have an unfavorable effect on water organisms (disturbance of the micro flora and -fauna in the sediment and subsequent detriment to the existence of higher water organisms).

Ingredients:

Limestone:

Results of PBT and vPvB assessment

Non-classified PBT substance Non-classified vPvB substance



SECTION 13: DISPOSAL CONSIDERATIONS

NOTE: Disposal recommendations based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at the time of disposal.

Waste from residues

Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

Containers/Packaging

Empty remaining contents.

Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14: TRANSPORT INFORMATION

International Regulation

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

Not applicable for product as supplied.

Domestic regulation

Not applicable for product as supplied.

SECTION 15: REGULATORY INFORMATION

OSHA Hazards Carcinogen

EPCRA - Emergency Planning and Community Right-to-Know

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards Acute/Chronic Health Hazard

SARA 302

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313

:This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).



This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM Intermediate or Final VOC's (40 CFR 60.489).

Clean Water Act

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

Massachusetts Right To Know

Limestone	1317-65-3	90 - 100 %
quartz (SiO2)	14808-60-7	0.2 %

Pennsylvania Right To Know

Limestone	1317-65-3	90 - 100 %
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New Jersey Right To Know

Limestone	1317-65-3	90 - 100 %
quartz (SiO2)	14808-60-7	0.2 %

SECTION 16: OTHER INFORMATION

NFPA:

Health	0
Flammability	0
Instability	0
Special hazard	n/a

HMIS III:

Health	1 (Slight)
Flammability	0
Physical hazard	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.