

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT

Product Name: Gamblin Dry Pigment: Cadmium Red Medium, Cadmium Yellow
Product Description: Dry pigment
Intended Use: Fine art painting and decorative coatings

COMPANY

Company Name: Gamblin Artists Colors
Company Address: 2734 SE Raymond St.
Portland, OR 97202
USA
Company Phone: 503g 235g 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

PRECAUTIONARY STATEMENTS

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

SUPPLEMENTAL INFORMATION

NOTE: CADMIUM PIGMENTS ARE MUCH LESS HAZARDOUS THAN OTHER CADMIUM COMPOUNDS. THEY ARE EXTREMELY INSOLUBLE. THIS GREATLY REDUCES THE RISK OF ABSORPTION OF CADMIUM INTO THE BODY. THIS GREATLY REDUCES THEIR ENVIRONMENTAL HAZARD. AS SUCH, THE PRODUCER HAS NOT CLASSIFIED THESE PIGMENTS AS HAZARDOUS UNDER THE GHS SYSTEM FOR THE US OR UNDER EU REACH STANDARDS.

PER THE OSHA CADMIUM STANDARD - DO NOT EAT, DRINK, SMOKE, CHEW TOBACCO OR GUM IN REGULATED AREAS, CARRY THE PRODUCTS ASSOCIATED WITH THESE ACTIVITIES INTO REG STORE SUCH PRODUCTS IN THOSE AREAS. (REGULATED AREA = AREA WHEREVER AN EMPLOY AIRBORNE CONCENTRATIONS OF CADMIUM IS, OR CAN REASONABLY BE EXPECTED TO BE IN PERMISSIBLE EXPOSURE LIMIT - SEE SECTION 8)

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS:

Chemical Name	Common Name	CAS#	Concen
Cadmium sulfoselenide red	C.I Pigment red 108	58339-34-7	2
Cadmium zinc sulfide yellow	C.I. Pigment yellow 35	8048-07-5	2
Barium sulfate (see NOTE 2)	C.I. Pigment white 21	7727-43-7	

NOTE 1: THESE SUBSTANCES ARE SPECIFICALLY EXCLUDED FROM THE SPECIFIC CLASSIFICATION ENTRIES IN THE GHS TABLE COVERING CADMIUM COMPOUNDS. THEY HAVE BEEN SELF-CLASSIFIED AS NOT HAZARDOUS ON THE BASIS OF THEIR PHYSICAL AND CHEMICAL PROPERTIES – PARTICULARLY INSOLUBILITY. A RISK ASSESSMENT CONDUCTED BY THE EU CONCLUDED THAT THESE PRODUCTS DO NOT PRESENT A SIGNIFICANT HAZARD TO EITHER HUMAN HEALTH OR THE ENVIRONMENT. THEIR REACH REGULATIONS HAVE CONFIRMED THAT NO CLASSIFICATIONS APPLY – EITHER FOR HUMAN HEALTH OR THE ENVIRONMENT.

NOTE 2: BARIUM SULFATE IS PRESENT IN EXTENDED / REDUCED STRENGTH (LITHOPONE-LIKE) FORMS. IT MAY ALSO BE PRESENT AT LOWER LEVELS IN CADMIUM “PURE” TYPE PIGMENTS TO CONTROL PARTICULATE. CUSTOMERS’ STANDARDS.

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.

VOMITING ONLY UNDER THE DIRECTION OF MEDICAL PERSONNEL.
DO NOT INDUCE VOMITING BY ANY MEANS.
DO NOT TAKE ANYTHING BY MOUTH IF THE VICTIM IS UNCONSCIOUS. GET MEDICAL HELP.
IF A LARGE QUANTITY IS INGESTED OR IF YOU FEEL UNWELL.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED

AS AN INORGANIC POWDER, INHALATION OF DUST MAY CAUSE DRYNESS OF MOUTH, COUGH, AND IRRITATION OF THE RESPIRATORY TRACT. EYE CONTACT MAY CAUSE IRRITATION / SORENESS. NO SYMPTOMS EXPECTED FROM SKIN CONTACT OTHER THAN TEMPORARY COLORATION OF THE AFFECTED AREA. INGESTION MAY CAUSE SLIGHT IRRITATION OF THE MOUTH AND THROAT.

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

CALL A POISON CENTER/DOCTOR/PHYSICIAN IN THE EVENT OF MAJOR INHALATION OR INGESTION.

SECTION 5: FIRE FIGHTING MEASURES

FIRE FIGHTING

Extinguishing Media: Water as fog, foam, carbon dioxide, dry chemical
Non-flammable. Use media suitable for the surrounding area.

Special Fire Fighting Procedures:
Fire conditions may emit toxic/irritating fumes (cadmium oxide) and gases (sulfur dioxide) upon thermal decomposition. Firefighters should use standard protective equipment and in addition, self-contained breathing apparatus (SCBA).

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear full personal protective equipment. Remove contaminated clothing and wash thoroughly after handling/cleaning the spill.

Environmental Precautions:
Prevent contamination of soil, drains, and surface waters.

Methods for clean up: Scoop, shovel or use a vacuum with a HEPA filter to collect the dust. If needed, lightly damp down material with water to contain dust. Collect into a properly labeled impermeable bag/container and seal. Treat as RCRA Hazardous Waste and must be labeled in accordance with the Cadmium Standard - 29 CFR 1910.1027(m)(3)(ii).

WEAR FULL PROTECTIVE EQUIPMENT (SEE SECTION 8). USE VENTILATION. AVOID SCATTERING INTO THE AIR / GENERATING DUST PROMPTLY AND AVOID RELEASE TO THE SEWER SYSTEM/ WATERWAYS/ENVIRONMENT. EMPLOY GOOD HOUSEKEEPING CONTROL DUST BUILDUP ON EQUIPMENT AND WORK AREA. CONTAMINATED EQUIPMENT/CLOTHING AND WASH THOROUGHLY. KEEP CONTAINER SEALED WHEN NOT IN USE. DO NOT EAT, DRINK, TOBACCO OR GUM, APPLY COSMETICS WHILE HANDLING OR USING THIS PRODUCT.

Cautions for Safe Storage:

CONDITIONS FOR SAFE STORAGE, INCLUDING INCOMPATIBILITIES, STORE IN ORIGINAL SEALED CONTAINERS IN A COOL, DRY AREA. STORE SEPARATE FROM FOOD, DRINK, ANIMAL FEEDSTUFFS. STORE AWAY FROM OPEN FLAME, IGNITION SOURCES, CONCENTRATED ACIDS AND POWERFUL OXIDIZERS.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS: SEE 29 CFR 1910.1027 FOR THE OSHA CADMIUM STANDARD

EXPOSURE LIMITS: U.S. OSHA PEL:

0.0025 mg/m³ TWA ACTION LEVEL AS Cd; 0.005 mg/m³ TWA ACTION LEVEL AS Se; AND 0.6 mg/m³ CEILING LIMIT AS Cd DUST FOR DRY COLOR FINE PARTICULATE, 15 mg/m³ TWA SELENIUM COMPOUND AS Se; 15 mg/m³ TWA TOTAL DUST SULFATE, 5 mg/m³ TWA RESPIRABLE FRACTION AS BARIUM SULFATE

U.S. ACGIH TLV:

0.01 mg/m³ TWA, INHALABLE AS Cd, 0.002 mg/m³ TWA RESPIRABLE FRACTION AS Se; 10 mg/m³ TWA TOTAL DUST SULFATE USE LOCAL / MECHANICAL EXHAUST TO MAINTAIN AIR CONCENTRATIONS BELOW OCCUPATIONAL EXPOSURE STANDARDS (SEE ABOVE)

APPROPRIATE ENGINEERING CONTROLS:

USE LOCAL / MECHANICAL EXHAUST TO MAINTAIN AIR CONCENTRATIONS BELOW OCCUPATIONAL EXPOSURE STANDARDS (SEE ABOVE)

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION:

HALF MASK AIR-PURIFYING RESPIRATOR EQUIPPED WITH A HIGH EFFICIENCY PARTICULATE AIR FILTER FOR AIRBORNE CONCENTRATIONS UP TO THE PERMISSIBLE EXPOSURE LIMIT (SEE 29 CFR 1910.1027(g) FOR OCCUPATIONAL EXPOSURE LIMITS) FOR HIGHER EXPOSURE LEVELS)

HAND PROTECTION:

USE CHEMICAL RESISTANT GLOVES (RUBBER, PVC)

EYE PROTECTION:

VENTED GOGGLES OR FULL FACE SHIELD OR OTHER APPROPRIATE FACE PROTECTIVE EQUIPMENT THAT COMPLIES WITH 29 CFR 1910.133; ACCESS TO SINK OR FOUNTAIN

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

GENERAL INFORMATION

Physical State:	Powder
Color:	Red or yellow
Odor:	No odor
Odor Threshold:	N/A

IMPORTANT HEALTH, SAFETY, AND ENVIRONMENTAL INFORMATION

Boiling Point:	N/A
Melting Point:	N/A
Freezing Point:	N/A
Vapor Pressure:	N/D
Vapor Density:	N/D
Specific Gravity:	3.5-5.5
Evaporation Rate:	N/A
Solubility in Water:	Insoluble
pH (5% in water):	Approximately 7
Flammability:	Not flammable
Flammable Limits:	LEL:&UEL: (N/A)
Molecular Weight:	N/D
Viscosity:	N/D
Decomposition Temp:	>572°F (300°C)

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	May react with strong acids yielding toxic/flammable hydrogen selenide and possibly soluble toxic cadmium salts
Stability:	Material is stable under normal conditions
Conditions to Avoid:	Avoid contact with incompatibles. Avoid generating dust.
Materials to Avoid:	Concentrated acids, strong oxidizing agents
Hazardous Decomposition or Bi-Products:	Fire/thermal decomposition can produce hazardous fumes (cadmium dioxide) and gases (sulfur dioxide)
Possibility of Hazardous Reactions:	Hazardous polymerization will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS

HAZARD CLASS	CONCLUSION/REMARKS
Inhalation	
Acute Toxicity	Not classified
Ingestion	
Acute Toxicity	Oral LD50 values are normally >5000 mg/kg
Skin	
Acute Toxicity	Not expected to be irritating
Eye	
Serious Eye Damage/Irritation	No test data available. May cause irritation but below O
Sensitization	
Eye, Skin, Aspiration, Reproductive, Carcinogenicity	No sensitizing effects known
Mutation	
Germ Cell Mutagenicity	No data available. Producer has not classified as mutagen
Specific Target Organ Toxicity (STOT)	
Single Exposure	No Data Available
Chronic	Gross overexposure over many years may lead to kidney damage, but this never happens given modern working conditions

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION

Ecotoxicity:

The extreme insolubility of these pigments indicate that they are not a significant hazard. No actual testing has been done and as such, it is recommended to avoid release to the environment and waterways.

Aquatic Toxicity:

No test data available

Mobility:

Movement of these highly insoluble products through the soil is limited to the physical movement of the material itself.

Highly stable insoluble inorganic compound - not expected to
environment. Not within the definition of PBT OR vPvB

Bioaccumulative Potential:

Highly insoluble in both water and all organic solvents - not ex

SECTION 13: DISPOSAL CONSIDERATIONS

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

Waste Disposal: Dispose of in accordance with national, state, and local regulations. Store in sealed, impermeable containers using a licensed chemical waste transporter. In accordance with the Cadmium Standard, the warning labels for containers of contaminated clothing equipment, waste, scrap or debris shall include at least the following information: DANGER CONTAINS CADMIUM MAY CAUSE CANCER AND DAMAGE TO LUNGS AND KIDNEYS. AVOID CREATING DUST.

SECTION 14: TRANSPORT INFORMATION

LAND (DOT): Not regulated as dangerous goods

SEA (IMDG): Not regulated as dangerous goods

AIR (IATA): Not regulated as dangerous goods

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS TSCA (TOXIC SUBSTANCE CONTROL ACT):
Substance is listed

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):
Substance is listed*

*ALL COLORS ARE LISTED AS CADMIUM COMPOUNDS. YELLOWS ARE ALSO LISTED AS ZINC COMPOUNDS. REDS, MAROONS ARE ALSO LISTED AS SELENIUM COMPOUNDS.

U.S. CERCLA: Listed as part of the generic category "Cadmium and Compounds of Cadmium" and the reporting requirement assigned to the generic broad class.

SECTION 16: OTHER INFORMATION

N/D = Not determined, N/A = Not applicable

THIS SAFETY DATA SHEET CONTAINS THE FOLLOWING REVISIONS:

Updates made in accordance with implementation of GHS rec

The information and recommendations contained herein are, to the best of Gamblin’s knowledge, accurate and reliable, but it is not warranted to be. You can contact Gamblin to ensure that the information is 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. It is the user’s responsibility to carefully read the product label and follow instructions for safe use.