

## SAFETY DATA SHEET

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

#### PRODUCT

**Product Name:** Magnesium Carbonate Dry Pigment  
**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:** 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

#### PRECAUTIONARY STATEMENTS

**PREVENTION:** Observe good industrial hygiene practices.  
**RESPONSE:** Wash hands after handling.  
**STORAGE:** Store away from incompatible materials.  
**DISPOSAL:** Dispose of waste and residues in accordance with local authority requirements.

#### HAZARD(S) NOT OTHERWISE CLASSIFIED (HNOC)

**SUPPLEMENTAL INFORMATION** None.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### HAZARDOUS COMPONENTS:

| Chemical Name       | Common Name | CAS#     | Concentration 0(%) |
|---------------------|-------------|----------|--------------------|
| Magnesium Carbonate |             | 546-93-0 | 100                |

### SECTION 4: FIRST AID MEASURES

#### FIRST AID/RESPONSE

|                    |                                                                                                                                                                                                                                                                       |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eyes:</b>       | 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.                                                                                    |
| <b>Skin:</b>       | IF ON SKIN PROMPTLY WASH OFF WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING. GET MEDICAL ADVICE/ATTENTION IF IRRITATION OCCURS. WASH CONTAMINATED CLOTHING BEFORE REUSE.                                                                                             |
| <b>Inhalation:</b> | 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.                                                                                                           |
| <b>Ingestion:</b>  | 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**

Coughing

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

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

**SECTION 5: FIRE FIGHTING MEASURES**

**FIRE FIGHTING**

|                                                        |                                                                                                |
|--------------------------------------------------------|------------------------------------------------------------------------------------------------|
| <b>Suitable Extinguishing Media:</b>                   | Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).                       |
| <b>Unsuitable Extinguishing Media:</b>                 | Do not use water jet as an extinguisher, as this will spread the fire.                         |
| <b>Specific hazards arising from the chemical:</b>     | During fire, gases hazardous to health may be formed.                                          |
| <b>Special protective equipment for fire-fighters:</b> | Self-contained breathing apparatus and full protective clothing must be worn in case of fire.  |
| <b>Fire Fighting equipment/instructions:</b>           | Use water spray to cool unopened containers.                                                   |
| <b>Specific methods:</b>                               | Use standard firefighting procedures and consider the hazards of the other involved materials. |
| <b>General fire hazards:</b>                           | No unusual fire or explosion hazards noted.                                                    |

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.

**Environmental Precautions:**

Avoid discharge into drains, water courses or onto the ground.

**Methods for clean up:** Stop the flow of material, if this is without risk. Following product recovery, flush area with water. For waste disposal, see section 13 of the SDS.

**SECTION 7: HANDLING AND STORAGE**

**Precautions for Safe Handling:**

Observe good industrial hygiene practices.

**Cautions for Safe Storage:**

Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### CONTROL PARAMETERS:

#### Occupational Exposure Limits

#### U.S. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

| Material                              | Type | Value                                      | Form                                |
|---------------------------------------|------|--------------------------------------------|-------------------------------------|
| Magnesium Carbonate<br>(CAS 546-93-0) | PEL  | 5 mg/m <sup>3</sup><br>15mg/m <sup>3</sup> | Respirable fraction.<br>Total dust. |

#### U.S. NIOSH: Pocket Guide to Chemical Hazards

| Material                              | Type | Value                                      | Form                 |
|---------------------------------------|------|--------------------------------------------|----------------------|
| Magnesium Carbonate<br>(CAS 546-93-0) | TWA  | 5 mg/m <sup>3</sup><br>10mg/m <sup>3</sup> | Respirable.<br>Total |

#### Biological limit values

#### Appropriate engineering controls:

No biological exposure limits noted for the ingredient(s).

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

#### Individual protection measures, such as personal protective equipment

|                                |                                                                                                       |
|--------------------------------|-------------------------------------------------------------------------------------------------------|
| <b>Respiratory Protection</b>  | In case of insufficient ventilation, wear suitable respiratory equipment.                             |
| <b>Skin Protection - Hand</b>  | Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier. |
| <b>Skin Protection - Other</b> | Wear suitable protective clothing.                                                                    |
| <b>Eye/face Protection</b>     | Wear safety glazes with side shields (or goggles).                                                    |
| <b>Thermal hazards</b>         | Wear appropriate thermal protective clothing, when necessary.                                         |

#### General hygiene considerations

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### Appearance:

Physical: Solid

Form: Solid

Color: White

Odor: Odorless

Odor Threshold: Odorless  
 pH: Neutral  
 Melting/freezing point: 1814 °F (990 °C)  
 Boiling Point/Range: Not available.  
 Flash Point: Not available.  
 Evaporation Rate: Not available.  
 Flammability (solid, gas): Not available.  
**Upper/lower flammability or exposure limits:**  
 Flammability limit - lower (%): Not available.  
 Flammability limit - upper (%): Not available.  
 Explosive limit - lower (%): Not available.  
 Explosive limit - upper (%): Not available.  
 Vapor Pressure: p.0000005 kPa at 25 °C  
 Vapor Density: Not available.  
 Relative Density: Not available.  
 Solubility in water: 0.1 g/l  
 Partition coefficient (n-octanol/water): Not available.  
 Auto-ignition temperature: Not available.  
 Decomposition temperature: Not available.  
 Viscosity: Not available.  
**Other information**  
 Density: 1.00 lbs/gal  
 Explosive Qualities: Not explosive  
 Molecular formula: C-H2-O3. Mg  
 Molecular weight: 84.32 g/mol  
 Oxidizing properties: Not oxidizing  
 Specific Gravity: 0.12

## SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** Stable under normal conditions of use, storage and transport  
**Chemical Stability:** Material is stable under normal conditions.  
**Possibility of Hazardous Reactions:** None.  
**Conditions/Materials to Avoid:** Contact with incompatible materials.  
**Incompatible materials:** Acids  
**Hazardous Decomposition Products:** No hazardous decomposition products are known.

## SECTION 11: TOXICOLOGICAL INFORMATION

### INFORMATION ON LIKELY ROUTES OF EXPOSURE:

**Inhalation** No adverse effects due to inhalation are expected.  
**Skin contact** No adverse effects due to skin contact are expected.  
**Eye contact** Direct contact with eyes may cause temporary irritation.  
**Ingestion** Expected to be a low ingestion hazard.

### Symptoms related to the physical, chemical and toxicological characteristics:

Coughing

### Information on toxicological effects:

|                                                                       |                                                                                                                      |
|-----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>Acute Toxicity</b>                                                 | Not available.                                                                                                       |
| <b>Skin corrosion/irritation:</b>                                     | Prolonged skin contact may cause temporary irritation.                                                               |
| <b>Serious eye damage/eye irritation:</b>                             | Direct contact with eyes may cause temporary irritation.                                                             |
| <b>Respiratory or skin sensitization:</b>                             |                                                                                                                      |
| <b>Respiratory sensitization:</b>                                     | Not a respiratory sensitizer.                                                                                        |
| <b>Skin sensitization:</b>                                            | This product is not expected to cause skin sensitization.                                                            |
| <b>Germ cell mutagenicity:</b>                                        | No data available to indicate product or any components present at greater than the 0.1% are mutagenic or genotoxic. |
| <b>Carcinogenicity:</b>                                               | This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.                                      |
| <b>IARC Monographs. Overall Evaluation of Carcinogenicity</b>         |                                                                                                                      |
| Not Available                                                         |                                                                                                                      |
| <b>OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)</b> |                                                                                                                      |
| Not listed.                                                           |                                                                                                                      |
| <b>U.S. National Toxicology Program (NTP) Report on Carcinogens</b>   |                                                                                                                      |
| Not Available.                                                        |                                                                                                                      |
| <b>Reproductive toxicity</b>                                          | This product is not expected to cause reproductive or developmental effects.                                         |
| <b>Specific target organ toxicity - single exposure</b>               | Not classified.                                                                                                      |
| <b>Specific target organ toxicity - repeated exposure</b>             | Not classified.                                                                                                      |
| <b>Aspiration hazard</b>                                              | Not an aspiration hazard                                                                                             |

## SECTION 12: ECOLOGICAL INFORMATION

|                                         |                                                                                                                                                                                                     |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ECOTOXICITY</b>                      | This product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. |
| <b>Persistence &amp; Degradability:</b> | No data is available on the degradability of this product.                                                                                                                                          |
| <b>Bioaccumulative Potential:</b>       | No data available                                                                                                                                                                                   |
| <b>Mobility in soil:</b>                | No data available                                                                                                                                                                                   |
| <b>Other adverse effects</b>            | No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.             |

## SECTION 13: DISPOSAL CONSIDERATIONS

|                                            |                                                                                                                                                                                                                 |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Disposal instructions</b>               | Collect and reclaim or dispose in sealed containers at licensed waste disposal site.                                                                                                                            |
| <b>Local disposal regulations</b>          | Dispose in accordance with all applicable regulations.                                                                                                                                                          |
| <b>Hazardous waste code</b>                | The waste code should be assigned in discussion between the user, the producer and the waste disposal company.                                                                                                  |
| <b>Waste from residues/unused products</b> | Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see Disposal instructions). |
| <b>Contaminated packaging</b>              | Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.      |

## SECTION 14: TRANSPORT INFORMATION

**DOT** Not regulated as dangerous goods.  
 DOT information on packaging may be different from that listed.

## SECTION 15: REGULATORY INFORMATION

**U.S. Federal Regulations:** This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

|                                                                |                |
|----------------------------------------------------------------|----------------|
| TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)  | Not regulated. |
| CERCLA Hazardous Substance List (40 CFR 302.4)                 | Not listed.    |
| SARA 304 Emergency release information                         | Not regulated. |
| OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) | Not listed.    |

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

**Hazard categories** Immediate Hazard - No  
 Delayed Hazard - No  
 Fire Hazard - No  
 Pressure Hazard - No  
 Reactivity Hazard - No

**SARA 302 Extremely Hazardous Substance** - Not listed

**SARA 311/312 Hazardous Chemical** - Yes

**SARA 313 (TRI reporting)** - Not regulated

### Other Federal Regulations

**US California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 111100)** - Not listed.

**US Massachusetts RTK - Substance List** - Magnesium Carbonate (CAS 546-93-0)

**US New Jersey Worker and Community Right-to-Know Act** - Magnesium Carbonate (CAS 546-93-0)

**US Pennsylvania Worker and Community Right-to-Know Law** - Not listed.

**US Rhode Island RTK** - Not regulated.

**US California Proposition 65**

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65). This material is not known to contain any chemicals listed as carcinogens or reproductive toxins.

### International Inventories:

| Country(s) or region | Inventory name                                             | On inventory? (yes/no)* |
|----------------------|------------------------------------------------------------|-------------------------|
| Australia            | Australian Inventory of Chemical Substances (AICS)         | Yes                     |
| Canada               | Domestic Substances List (DSL)                             | Yes                     |
| Canada               | Non-Domestic Substances List (NDSL)                        | No                      |
| China                | Inventory of Existing Chemical Substances in China (IECSC) | Yes                     |
| Europe               | European Inventory of Existing Commercial Chemical         | Yes                     |

|                  |                                                                   |     |
|------------------|-------------------------------------------------------------------|-----|
|                  | Substances (EINECS)                                               |     |
| Europe           | European List of Existing Notified Chemical Substances (ELINCS)   | No  |
| Japan            | Inventory of Existing and New Chemical Substances (ENCS)          | Yes |
| Korea            | Existing Chemicals List (ECL)                                     | Yes |
| New Zealand      | New Zealand Inventory                                             | Yes |
| Philippines      | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | Yes |
| US & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory                     | Yes |

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s). A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## SECTION 16: OTHER INFORMATION

### HMIS Ratings

|              |   |
|--------------|---|
| Health       | 0 |
| Flammability | 0 |
| Reactivity   | 0 |

### NFPA Ratings

|              |   |
|--------------|---|
| Health       | 1 |
| Flammability | 0 |
| Reactivity   | 0 |

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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.