

Material Safety Data Sheet

24 Karat Gold Cosmetic Pigment

1 . Product and company identification

Product name : 24 Karat Gold Cosmetic Pigment

Supplier : Rustic Escentuals, LLC

1050 Canaan Rd

Roebuck, SC 29376

864-582-9335

Material uses : Cosmetic Pigments

Validation date : 1/10/2013.

In case of emergency : Chemtrec (USA): 800-424-9300

Canutec (Canada): 613-996-6666

24 Hours/Day; 7 Days/Week

2 . Hazards identification

Emergency overview : WARNING!

MAY CAUSE RESPIRATORY TRACT, EYE AND SKIN IRRITATION.

This product contains a chemical (s) known to the State of California to cause cancer.

Physical state : Solid. [Bright gold, odorless, sparkling powder]

OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard (

29 CFR 1910.1200).

Routes of entry : Dermal contact. Eye contact. Inhalation. Ingestion (not anticipated).

Inhalation : May be hazardous in case of inhalation (lung irritant).

Ingestion : May be hazardous in case of ingestion.

Skin : Not an intended route of exposure.

Eyes : May be hazardous in case of eye contact.

Medical conditions

aggravated by overexposure

: Repeated exposure to a highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.

See toxicological information (section 11)

3 . Composition/information on ingredients

Name CAS number % by weight

MICA (mineral) 12001-26-2 74 - 85

Titanium oxide (TiO₂) 13463-67-7 10 - 16

IRON OXIDE 1309-37-1 5 - 10

*Mica, like many naturally occurring minerals, may contain crystalline silica (quartz).

4 . First aid measures

Eye contact : Check for and remove any contact lenses. Immediately flush eyes with plenty of water

for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

Skin contact : In case of contact, immediately flush skin with plenty of water for at least 15 minutes

while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention immediately.

Inhalation : Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.

Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.

Ingestion : Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

5 . Fire-fighting measures

Flammability of the product : No specific fire or explosion hazard.

Extinguishing media : Use an extinguishing agent suitable for the surrounding fire.

Not suitable : None known.

Special exposure hazards : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Hazardous thermal decomposition products

: Decomposition products may include the following materials:

metal oxide/oxides

Special protective equipment for fire-fighters

: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6 . Accidental release measures

Personal precautions : No action shall be taken involving any personal risk or without suitable training.

Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Provide adequate ventilation.

Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 8).

Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods for cleaning up

Spill : Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see section 1 for emergency contact information and section 13 for waste disposal.

7 . Handling and storage

Handling : Avoid contact with eyes, skin and clothing. Do not ingest. Avoid breathing dust. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling.

Storage : Keep container tightly closed. Keep container in a cool, well-ventilated area.

8 . Exposure controls/personal protection

Ingredient Exposure limits

MICA (mineral) **ACGIH TLV (United States, 1/2005). Notes: Respirable fraction; see Appendix C, paragraph C.**

TWA: 3 mg/m³ 8 hour(s). Form: All forms

OSHA PEL 1989 (United States, 3/1989).

TWA: 3 mg/m³ 8 hour(s). Form: Respirable dust

NIOSH REL (United States, 12/2001).

TWA: 3 mg/m³ 10 hour(s). Form: Respirable fraction

ACGIH (United States, 1994).

TWA: 3 mg/m³

OSHA (United States, 1989). Notes: Respirable

TWA: 3 mg/m³

Titanium oxide (TiO₂) **ACGIH TLV (United States, 1/2009).**

TWA: 10 mg/m³ 8 hour(s).

OSHA PEL 1989 (United States, 3/1989).

TWA: 10 mg/m³ 8 hour(s). Form: Total dust

OSHA PEL (United States, 11/2006).

TWA: 15 mg/m³ 8 hour(s). Form: Total dust

IRON OXIDE OSHA PEL (United States, 8/1997).

TWA: 10 mg/m³ 8 hour(s). Form: All forms

ACGIH TLV (United States, 1/2005).

TWA: 10 mg/m³ 8 hour(s). Form: All forms

NIOSH REL (United States, 12/2001).

TWA: 5 mg/m³ 10 hour(s). Form: Dust and fumes

OSHA PEL 1989 (United States, 3/1989).

TWA: 5 mg/m³ 8 hour(s). Form: Respirable fraction

TWA: 10 mg/m³ 8 hour(s). Form: Total dust

STEL: 10 ppm 15 minute(s). Form: Total particulates

ACGIH (United States, 1996).

TWA: 5 mg/m³

ACGIH TLV (United States, 1/2005). Notes: 1996 Adoption Refers to Appendix B -- Substances of Variable Composition. Inhalable fraction. See Appendix C, paragraph A. Inhalable Particulate Mass TLVs (IPM-TLVs) for those materials that are hazardous when deposited anywhere in the respiratory tract.

TWA: 5 mg/m³ 8 hour(s). Form: Dust and fumes

OSHA (United States, 1989). Notes: Total

STEL: 10 ppm

SILICA, CRYSTALLINE NIOSH REL (United States, 12/2001). Notes: See Appendix A - NIOSH Potential Occupational Carcinogen

TWA: 0.05 mg/m³ 10 hour(s). Form: All forms

OSHA PEL 1989 (United States, 3/1989).

TWA: 0.1 mg/m³ 8 hour(s). Form: Respirable dust

ACGIH TLV (United States, 1/2004). Notes: Substance identified by other sources as a suspected or confirmed human carcinogen. Respirable fraction. The concentration of respirable dust for the application of this limit is to be determined for the fraction passing a size-selector with the characteristics defined in the "C."

paragraph of Appendix D. Substances for which the TLV is higher than the OSHA Permissible Exposure Limit (PEL) and/or the NIOSH Recommended Exposure Limit (REL). See CFR 58(124) :36338-33351, June 30, 1993, for revised OSHA PEL.

TWA: 0.05 mg/m³ 8 hour(s). Form: Respirable fraction

Consult local authorities for acceptable exposure limits.

Engineering measures : If user operations generate dust, fumes, gas, vapor or mist, use process enclosures,

local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before

eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protection

Respiratory : Dust respirator. Be sure to use an approved/certified respirator or equivalent.

Hands : Impervious gloves.

Eyes : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.

Skin : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

9 . Physical and chemical properties

Physical state : Solid. [Bright gold, odorless, sparkling powder]

Flash point : [Product does not sustain combustion.]

Color : Bright Gold

Odor : Odorless.

pH : 7 to 10 [Conc. (% w/w): 10%]

Boiling/condensation point : Not available.

Melting/freezing point : Not available.

Relative density : Not available.

Vapor pressure : Not available.

Vapor density : Not available.

Odor threshold : Not available.

Evaporation rate : Not available.

VOC : 0 % (w/w)

Solubility : Insoluble in the following materials: water

10 . Stability and reactivity

Chemical stability : The product is stable.

11 . Toxicological information

Acute toxicity

Product/ingredient name Test Route Species Result

MICA (mineral) LD50 Oral Rat >16000 mg/kg

Titanium oxide (TiO₂) LD Intratracheal Rat >100 ug/kg

TDLo

Intratracheal

Rat 5 mg/kg

TDLo

Intratracheal

Rat 1.6 mg/kg

TDLo

Intratracheal

Rat 1.25 mg/kg

TDLo Oral Rat 60 g/kg

LD50 Oral Rat >16000 mg/kg

Carcinogenicity

Classification

Product/ingredient name ACGIH IARC EPA NIOSH NTP OSHA

Titanium oxide (TiO₂) A4 2B - - - -

IRON OXIDE A4 3 - None. - -

Contains material which may cause cancer, based on animal data. Risk of cancer depends on duration and level of exposure.

Mutagenicity

No known significant effects or critical hazards.

Teratogenicity

No known significant effects or critical hazards.

12 . Ecological information

Aquatic ecotoxicity

Product/ingredient name	Result	Species	Exposure
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Titanium oxide (TiO ₂)	Acute EC50 >1000000 ug/		
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L Fresh water			
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Daphnia - Water flea -			
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Daphnia magna -	<24 hours		
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48 hours			
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Acute LC50 5.5 ppm			
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Fresh water			
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Daphnia - Water flea -			
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Daphnia magna - Juvenile (
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Fledgling, Hatchling,			
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Weanling) -	<24 hours		
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48 hours			
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Acute LC50 >1000000 ug/			
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L Marine water			
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Fish - Mummichog -			
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Fundulus heteroclitus			
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96 hours			
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Chronic NOEC 500 ppm			
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Fresh water			
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Daphnia - Water flea -			
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Daphnia magna - Juvenile (
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Fledgling, Hatchling,			
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Weanling) -	<24 hours		
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48 hours			
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Chronic NOEC 1 ppm			
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Fresh water			
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Daphnia - Water flea -			
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Daphnia magna - Juvenile (
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Fledgling, Hatchling,			
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Weanling) -	<24 hours		
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48 hours			
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Environmental effects : No known significant effects or critical hazards.

13 . Disposal considerations

The information presented only applies to the material as supplied. The identification based on characteristic(s) or listing

may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to

determine the toxicity and physical properties of the material generated to determine the proper waste identification and

disposal methods in compliance with applicable regulations. Disposal should be in accordance with applicable regional,

national and local laws and regulations.

14 . Transport information

As the material is not regulated, no transport information will be given.

15 . Regulatory information

United States

U.S. Federal regulations : This product or its components are listed on or compliant with the TSCA Inventory.

SARA 302/304/311/312 extremely hazardous substances: No products were found.

SARA 302/304 emergency planning and notification: No products were found.

SARA 302/304/311/312 hazardous chemicals: MICA (mineral); Titanium oxide (TiO₂); IRON OXIDE

SARA 311/312 MSDS distribution - chemical inventory - hazard identification: MICA (mineral): Immediate (acute) health hazard; Titanium oxide (TiO₂): Immediate (acute) health hazard; IRON OXIDE: Delayed (chronic) health hazard

Connecticut Carcinogen

Reporting

: None of the components are listed.

Connecticut Hazardous

Material Survey

: None of the components are listed.

Florida substances : None of the components are listed.

Illinois Chemical Safety Act : None of the components are listed.

Illinois Toxic Substances

Disclosure to Employee Act

: None of the components are listed.

Louisiana Spill : None of the components are listed.

Louisiana Reporting : None of the components are listed.

Massachusetts Spill : None of the components are listed.

Massachusetts Substances : The following components are listed: MICA (mineral); TITANIUM DIOXIDE; IRON OXIDE

Minnesota Hazardous

Substances

: None of the components are listed.

Michigan Critical Material : None of the components are listed.

New Jersey Toxic

Catastrophe Prevention Act

: None of the components are listed.

New Jersey Spill : None of the components are listed.

New Jersey Hazardous

Substances

: The following components are listed: MICA (mineral); TITANIUM DIOXIDE; IRON OXIDE

New York Toxic Chemical

Release Reporting

: None of the components are listed.

New York Acutely

Hazardous Substances

: None of the components are listed.

Pennsylvania RTK

Hazardous Substances

: The following components are listed: TITANIUM OXIDE (TiO₂); IRON OXIDE

Rhode Island Hazardous

Substances

: None of the components are listed.

California Prop. 65

This product contains a chemical (s) known to the State of California to cause cancer.

Ingredient name Cancer Reproductive No significant risk level

Maximum

acceptable dosage

level

Titanium oxide (TiO₂) Yes. No. No. No.

Silica Quartz Yes. No. No. No.

Canada

WHMIS (Canada) : Class D-2A: Material causing other toxic effects (Very toxic).

Canadian lists : This product has been classified in accordance with the hazard criteria of the Controlled

Product Regulations and the MSDS contains all required information.

CEPA DSL / CEPA NDSL : All components of this product are listed on or compliant with the DSL.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the

MSDS contains all the information required by the Controlled Products Regulations.

EU regulations

Risk phrases : This product is not classified according to EU legislation.

International regulations

International lists : This product or its components are compliant with the following International Lists:

AUSTRALIA (NICNAS), CHINA, JAPAN (METI), KOREA (TCCL), PHILIPPINES (RA6969)

16 . Other information

Hazardous Material

Information System (U.S.A.)

:

1

0

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Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4

representing significant hazards or risks Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.

1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS®

program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA).

HMIS® materials may

be purchased exclusively from J. J. Keller (800) 327-6868.

National Fire Protection

Association (U.S.A.)

:

Flammability

Health Instability

Special

Other special

considerations

: No additional information.

Notice to reader

The statements contained herein are based upon technical data that Rustic Escentuals, LLC believes to be

reliable, are offered for information purposes only and as a guide to the appropriate precautionary and emergency

handling of the material by a properly trained person having the necessary technical skills.

Users should consider

these data only as a supplement to other information gathered by them and must make independent

determinations of suitability and completeness of information from all sources to assure proper use, storage and

disposal of these materials and the safety and health of employees and customers and the protection of the

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