

Material Safety Data Sheet

1. IDENTIFICATION OF THE PRODUCT

PRODUCT

Product name : Mica, Gold Burst Glitter - Shimmer - SGTTRGDB-197241
 Use of the product : Colouring agent
 Distributor : Pierre-Marie Montréal
 Web site : www.pierre-marie.ca

2. HAZARD IDENTIFICATION

Classification of the substance or mixture

According to Regulation (EC) No. 1272/2008(CLP) : Not classified

According to Directive 67/548/EEC & Directive 1999/45/EC : Not classified

Label elements : This product is not a hazardous substance

GHS label elements : Not applicable

Hazard pictogram(s) : Not applicable

Precautionary statement(s) : Not applicable

Other hazards : Not known

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name Product | CAS No. | EINECS No. | Colour Index | Chemical Composition |
|-----------------------|------------|------------|--------------|----------------------|
| Fluorphlogopite | 12003-38-2 | 234-426-5 | | 74-82 |
| Titanium Dioxide | 13463-67-7 | 236-675-5 | 77891 | 18-24 |
| Tin Dioxide | 18282-10-5 | 242-159-0 | 77861 | 0-2 |
| | | | | |

4. FIRST AID MEASURES

Description of first aid measures

Inhalation: : Get outside and breathe fresh air
 Skin contact : Wash affected skin with soap and water. Rinse thoroughly with plenty of water
 Eye contact : Rinse thoroughly with water for 15 to 20 minutes
 Ingestion : Clean and rinse the mouth with water and drink a lot of water
 Physician : No special measures or treatments, no description of toxic symptoms
Inhalation
 Repetitively long-term : May cause irritation to the respiratory system, coughing and difficulty breathing
 Recommendation : Doctor consultation, Chest XRay

5. FIREFIGHTING MEASURES

Extinguishing media

| | |
|--------------------------------|---|
| Suitable extinguishing media | : Extinguish with water spray, foam or dry chemical |
| Unsuitable extinguishing media | : Carbon dioxide, special hazards arising from the substance or mixture |
| Thermal hazards | : Non combustible. None. Material itself does not burn |
| Advice for firefighters | : Fire fighters should wear complete protective clothing including self contained breathing apparatus |

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

| | |
|-------------------------------|---|
| Personal precautions | : Do not breathe dust |
| Personal protection equipment | : Wear appropriate personal protective equipment, avoid direct contact |
| In case of emergency | : A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions |
| Environmental precautions | : Do not allow to enter drains, sewers or watercourses Methods and material for |
| Containment and cleaning up | : Collect mechanically and dispose of according to Section 13. Use vacuum equipment for collecting spilt materials, where practicable |
| Reference to other sections | : See sections 8 and 13 |

7. HANDLING AND STORAGE

| | |
|-------------------------------|---|
| Precautions for safe handling | : Avoid breathing dust Storage conditions in complete safety. The material can be slippery when wet |
| Storage condition | : Keep in tightly closed container in one. cool, dry and well ventilated place. No temperature restriction |

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| | |
|--------------------|---|
| Control parameters | : Provide adequate ventilation when using the material and follow the principles of good occupational hygiene to control personal exposures |
|--------------------|---|

| | |
|-----------------------|-------------|
| Exposure limit values | : Not known |
|-----------------------|-------------|

Exposure controls

| | |
|----------------------------------|--|
| Appropriate engineering controls | : Provide adequate ventilation to ensure that the occupational exposure limit is not exceeded. Isolate the dispersive process step away from other operations. This can be achieved by local exhaust ventilation or general ventilation |
|----------------------------------|--|

Individual protections measures, such as personal protective equipment(PPE)

| | |
|---------------------------------|--|
| Hand/eye/face protection | : Wear gloves, eye protection and an approved dust mask if dust is generated during handling. Goggles giving complete protection to eyes. Dust mask covering nose and mouth |
| Skin protection | : Apron or other light protective clothing, boots and plastic or synthetic rubber gloves |
| Respiratory protection | : Dust mask covering nose and mouth |
| Thermal hazards | : None |
| Environmental exposure controls | : Avoid dust generation. Avoid accumulation of dust |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-----------------------|---------------------------------------|
| Form | : Powder |
| Colour | : Gold Burst Glitter – SGTRGDB-197241 |
| Odour | : Odourless |
| pH | : 6.0-9.0 (4% H ₂ O) |
| Boiling point, ° C | : Not applicable |
| Melting point, ° C | : Decomposes |
| Freezing point, ° C | : Not applicable |
| Density | : 2.7-3.2 kg/L |
| Bulk density | : 16-23g/100g |
| Vapour pressure | : Not applicable |
| Solubility (in water) | : Insoluble |
| Particle size | : 40-200µm |

10. STABILITY AND REACTIVITY

| | |
|------------------------------------|---|
| Reactivity | : There may be violent or incandescent reaction of the product with metals at high temperatures (e.g., aluminium; calcium; magnesium; potassium; sodium; zinc; lithium) |
| Chemical stability | : Stable under normal conditions |
| Possibility of hazardous reactions | : None |
| Conditions to avoid | : High temperature |
| Incompatible materials | : Strongly acidic, strongly alkaline, oxidizing agents |
| Decomposition products | : No information available |

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

This inorganic pigment in general is considered to be practically nontoxic.

| | |
|-----------------|-----------------|
| Acute toxicity | : Not available |
| Carcinogenicity | : Not available |

12. ECOLOGICAL INFORMATION

Toxicity : No data
 Persistence and degradability : Insoluble in water. This product is predicted not to degrade in soil and water
 Bioaccumulative potentiall : No data
 Mobility in soil : Not applicable
 Results of PBT and vPvB assessment : : Not applicable Other
 Adverse effects : : Not known

13. DISPOSAL CONSIDERATIONS

Waste treatment methods : Dispose of contents in accordance with local, state or national legislation

14. TRANSPORT INFORMATION

Not classed as dangerous for transport.

| International Transport Regulations | ADR/RID | ADN | IMDG | ICAO/IATA |
|---|----------------------------|----------------|----------------|------------------|
| UN number | Not applicable | Not applicable | Not applicable | Not applicable |
| Proper shipping name | Not applicable | Not applicable | Not applicable | Not applicable |
| Transport hazard class(es) | Not applicable | Not applicable | Not applicable | Not applicable |
| Packing group | Not applicable | Not applicable | Not applicable | Not applicable |
| Environmental hazards | None | None | None | None |
| Special precautions for user | None | None | None | None |
| Transport in bulk according to Annex II of MARPOL73/78 and The IBC Code | Not applicable | Not applicable | Not applicable | Not applicable |
| Hazard label(s) | Not applicable | | | |
| Additional information | Custom tariff No. 32061900 | | | |

15. REGULATORY INFORMATION

According to Directive 67/548/EEC & Directive 1999/45/EC: Not classified as dangerous for supply/use Safety, health and environmental

Regulations/legislations specific for the substance or mixture :Not available

According to ECRegulation 1907/2006 (REACH), 1272/2008 (CLP) & 453/2010

Date of issue : 07.09.2011 – Version : EU_EN/2 – Print date : February 2014

| |
|------------------------------|
| 16. OTHER INFORMATION |
|------------------------------|

Annex to the extended Safety Data Sheet (eSDS)

ADR : European Agreement concerning international carriage of Dangerous goods by Road

CAS : Chemical Abstracts Service

EC : European Community

ICAO : International Civil Aviation Organization

IMDG : International Maritime Dangerous Goods

IATA : International Air Transport Association

DATA SOURCES

NPIRI Raw Material Handbook, Volume 4, Pigments, Second Edition, 2001

Book on "Safe Handling of Pigments", European Edition 1995, BCMA, EPSOM ETAD, VdMi

HSDB

NIOSH ICSC

Hazardous Substance Fact Sheet, New Jersey Department of Health and Senior Service

We have described our product concerning possible safety requirements by the abovementioned information given to the best of our knowledge and experience. All data given are never meant to guarantee any quality description nor product properties

DISCLAIMER

Pierre-Marie Montréal expressly disclaims all warranties of merchantability and adaptation for a particular purpose, and is not liable for any direct or indirect damages.

All information on this sheet is based on data provided by the manufacturer or recognized sources. Although the information is believed to be accurate, We provide this information in good faith and we believe it is accurate as of the date hereof. Pierre-Marie Montreal makes no representation as to their correctness or suitability. The conditions of use are not the responsibility of the manufacturer and are beyond the control of Pierre-Marie Montréal.

Users are responsible for verifying the data in accordance with their operating and regulatory conditions of their location or territory as well as their federal, provincial or local laws to determine if the product is suitable for their applications. Users assume all risks in the use, handling and disposal of the product, in the publication, in the use of the information contained in this form and in the trust placed in them. The information relates only to the product indicated on this sheet and does not relate to its use with other materials or processes.

Last revised 2020-01-05