

SAFETY DATA SHEET

METALLICS

MOSS GREEN

1. PRODUCT IDENTIFICATION

| | |
|--------------------------------------|---|
| TRADE NAME (AS LABELED): | MOSS GREEN |
| SUPPLIER/MANUFACTURER'S NAME: | LEGGARI PRODUCTS, LLC |
| ADDRESS: | 3105 E AINSWORTH AVE WAREHOUSE 5, BAY 2 PASCO, WA 99301 |
| INFORMATION TELEPHONE: | 619-369-2640 |
| EMERGENCY TELEPHONE: | 800-424-9300 |

2. HAZARD(S) IDENTIFICATION

CLASSIFICATION OF 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 |
| Additional information | Not available |

LABEL ELEMENTS

| | |
|----------------------------|----------------|
| GHS label elements | Not applicable |
| Hazard pictogram(s) | Not applicable |
| Signal word(s) | Not applicable |
| Hazard statement(s) | Not applicable |
| Precautionary statement(s) | Not applicable |
| Other hazards | Not known |

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Common Chemical Name | CAS No. | EINECS No. | Colour Index | Chemical Composition | Hazard Classification According to Directive 67/548/EEC & Directive 1999/45/EC, Regulation (EC) No. 1272/2008(CLP) |
|----------------------|------------|------------|--------------|----------------------|--|
| Mica | 12001-26-2 | 310-127-6 | 77019 | 48-54 | Not classified |
| Titanium dioxide | 13463-67-7 | 236-675-5 | 77891 | 45-51 | Not classified |
| Chromium oxide green | 1308-38-9 | 215-160-9 | 77288 | 0-1 | Not classified |

Chemical family : mica - titanium oxide- chromium oxide green. Contains no hazardous ingredients

4. FIRST AID MEASURES

FIRST AID MEASURES FOR DIFFERENT EXPOSURE ROUTES

INHALATION: Remove causality to fresh air and keep at rest

SKIN CONTACT: Wash affected skin with plenty of water

EYE CONTACT: If contact with eyes directly, flush with gently flowing fresh water thoroughly; If eye irritation persists, get medical advice/attention

INGESTION: If ingested, wash out mouth with water, drink milk or egg white

Notes to Physician: No special measures are required

MOST IMPORTANT SYSTEMS AND EFFECTS

Both acute and delayed

Actue

Long term (repeated)

None

May cause irritation to the respiratory system. Cough. Increased difficulty in breathing

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Recommended

- a. Chest XRay
- b. Lung functionality tests

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Suitable extinguishing media

Extinguish with waterspray, foam or dry chemical

Unsuitable extinguishing media

Carbon dioxide

SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Thermal hazards

Noncombustible. None anticipated

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 |
| Conditions for safe storage including any incompatibilities | Keep container in a well ventilated place |
| Specific end use(s) | Not known |

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.

ENVIRONMENTAL EXPOSURE CONTROLS: Avoid dust generation. Avoid accumulation of dust

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

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-------------------------------|-------------------------------|
| Form: | Powder |
| Color: | Moss Green |
| Odor: | Odorless |
| pH: | 6.0-9.0 (4% H ₂ O) |
| Boiling point, °C: | Not applicable |
| Melting point, °C: | Decomposes |
| Freezing point, °C: | Not applicable |
| Density: | 3.0-3.1 kg/L |
| Bulk density: | 26-30g/100g |
| Vapour pressure: | Not applicable |
| Solubility (in water): | Insoluble |
| Particle size: | 10-60µm |

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 POTENTIAL:

No data

MOBILITY IN SOIL:

Not applicable

RESULTS OF PBT AND VPVB ASSESSMENT:

Not applicable

OTHER ADVERSE EFFECTS:

Not known

13. DISPOSAL CONSIDERATION

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 Not Available
specific for the substance or mixture

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

