Date 15.11.2015
Version 2.7

Material Safety Data Sheet

According to EU Regulation 1907/2006 in the current version

RED MATT MINERAL PIGMENT

1. Identification of the substance/preparation and the company

Trade name:	Red matt mineral pigment (18)
Utilization:	Raw material for cosmetic products
Supplier company identification:	**Elemental SRL**, Piata Cazarmii no.15, 410188-Oradea, jud.Bihor, Romania Tel/Fax: +40259-436.755, office@elemental.eu
Emergency:	Tel: +40259-436.755

2. Hazards Identification

- Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008: none
- Classification according to Directive 67/548/EEC or Directive 1999/45/EC: Not applicable.
- Information concerning particular hazards for human and environment:

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

- Label elements
- Labelling according to Regulation (EC) No 1272/2008
- Hazard pictograms: Void
- Signal word: Void
- Other hazards
- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.

3. Composition / Information on ingredients

INCI-name:	iron oxides	CI 77491
CAS-number:	1309-37-1	
EINECS-number:	215-168-2	

4. First Aid

- Description of first aid measures
- General information: No special measures required.
- After inhalation: Supply fresh air; consult doctor in case of complaints.
- After skin contact: Immediately wash with water and soap and rinse thoroughly.
- After eye contact: Rinse opened eye for several minutes under running water.
- After swallowing: If symptoms persist consult doctor.

5. Fire-fighting Measures

Suitable extinguishing media:	CO_2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam
Protective equipment:	Wear fully protective suit. Do not smoke. Wear positive pressure self-contained breathing equipment & protective clothing. Respiratory and eye protection required for fire crews when exposed to smoke or fumes.

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6. Accidental release measures:

• Personal precautions, protective equipment and emergency procedures
Wear protective clothing.
• Environmental precautions:
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
• Methods and material for containment and cleaning up:
Dispose contaminated material as waste according to chapter 13.
Pick up mechanically.

7. Handling and Storage

• Handling:
• Precautions for safe handling
Store in cool, dry place in tightly closed receptacles. Ensure good ventilation/exhaustion at the workplace.
Open and handle receptacle with care. Prevent formation of dust. Wear suitable respiratory protective device when decanting larger quantities without extractor facilities.
• Information about fire - and explosion protection:
Protect against electrostatic charges.
• Storage:
• Requirements to be met by storerooms and receptacles: Store only in unopened original receptacles.
• Information about storage in one common storage facility: Not required.
• Further information about storage conditions: T°: <25°C. After opening, product must be rechecked every year
Protect from exposure to the light. Caution when reopening receptacles with broken seal. Open receptacle only under localized extractor facilities. Protect from humidity and water.

8. Exposure Controls and Personal Protection

• Ingredients with limit values that require monitoring at the workplace:
French maximum permitted exposure levels: 10 mg/m3/8h total dust by inhalation - 5 mg/m3/8h alveolary dust
• Additional information:
The lists valid during the making were used as basis.
• Personal protective equipment
• General protective and hygienic measures: The usual precautionary measures are to be adhered to when handling chemicals. Keep away from foodstuffs, beverages and feed.
• Respiratory protection: Use suitable respiratory protective device in case of insufficient ventilation.
• Recommended filter device for short term use: Filter P3
• Protection of hands: Protective gloves
• Material of gloves: Nitrile rubber, NBR
• Eye protection: Safety glasses
• Body protection: Use protective suit.

9. Physical and Chemical Properties

Appearance:	powder
Colour:	red
Odour:	none

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Melting point:	not applicable
Boiling point:	> 1000 °C
Solubility:	insoluble in water, insoluble in vegetable oil, insoluble in paraffin oil

10. Stability and Reactivity

• Thermal decomposition / conditions to be avoided:
No decomposition if used according to specifications.
• Dangerous decomposition products:
No dangerous decomposition products known.

11. Toxicological Information

• Information on toxicological effects
• Acute toxicity:
• LD/LC50 values relevant for classification:
Oral, LD50: > 5000 mg/kg (rat) *
• Primary irritant effect:
• on the skin: no irritation efect*
• on the eye: no irritation efect*
• Additional toxicological information:
* according to data published in literature, ETAD/BCMA 1995 - FDA/EEC : positive lists

12. Ecological Information

• Toxicity
• Acquatic toxicity: No further relevant information available.
• Persistence and degradability: No further relevant information available.
• Ecotoxical effects:
• Behaviour in sewage processing plants: The product can be mechanically separated.
• Additional ecological information:
• General notes: At present there are no ecotoxicological assessments.
• Results of PBT and vPvB assessment
• PBT: Not applicable.
• vPvB: Not applicable.

13. Disposal Considerations

• Waste treatment methods
• Recommendation: Must not be disposed together with household garbage. Do not allow product to reach sewage system.
• Uncleaned packaging:
• Recommendation: Disposal must be made according to official regulations. Packaging may be reused or recycled after cleaning.

14. Transport Information

General recomandations:	Not dangerous product

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UN no:	not classified
Road (ADR/RID):	not classified
Air (IATA/ICAO):	not classified
Sea (IMDG):	not classified
Special precautions for user:	See section 6-8
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC:	Not defined

15. Additional Regulatory Information

EU Classification:	Not subject to classification according to CLP Regulation (EC) No. 1272/2008. Not subject to classification according to Directive 67/548/EC or Directive
Assessment of material safety:	An assessment has not been executed.

16. Other Information

Abbreviations and acronyms:
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
RID: Regulations Concerning the International Transport of Dangerous Goods by Rail
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
VCI: Verband der chemischen Industrie, Deutschland (German chemical industry association)
CAS: Chemical Abstracts Service (division of the American Chemical Society)

Disclaimer:
This material safety data sheet does not constitute a guarantee of the properties of the product and is not a contractual legal report. The information is given in good faith on the basis of our best knowledge of the product at the indicated time. However, we cannot accept responsibility or liability for any consequences arising from its use, no warranty for correctness and completeness is given. We caution the users against the incurred possible risks when the product is used at other ends than the use for which it was initially planned. It is the user's responsibility during handling, storage and product use to consult the main regulatory texts in force regarding workers and environment protection.