Safety Data Sheet			
Trade Name	Date of Printing	Revised on	Page
Lava	13.05.2022	29.07.2021	1 / 7

1. IDENTIFICATION OF THE SUBSTANCE/ MIXTURE AND OF THE COMPANY/ UNDERTAKING

1.1. Product identifier:

Trade names	Lava
EC no	not applicable
CAS no	not applicable
REACH registration no	not applicable; excluded acc. Art. 2 Ch. 7b in combination with Annex V, no. 7

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses	Blasting abrasive, aggregate for concrete, filler

Use advised against:	None

1.3. Details of the supplier of the safety data sheet

Producer/supplier:	**EP Power Minerals GmbH**
Street/P.O. Box:	**Duisburger Str. 170**
Nat. code/postcode, place:	**46535 Dinslaken, Germany**
Phone:	**+ 49 (0) 2064 – 6258 0**

Responsible Person	**Dipl.-Ing** 5.1.2.e	Phone:	**+** 5.1.2.e **0)** 5.1.2.e 5.1.2.e
		Fax:	**+** 5.1.2.e
		Email	5.1.2.e **@ep-pm.com**

1.4. Emergency telephone number

(Office hours):	24h	Emergency number:	**112 (Germany)**
	8:00 – 17:00	Phone:	**+** 5.1.2.e **(** 5.1.2.e 5.1.2.e
	8:00 – 17:00	Mobil:	**+** 5.1.2.e

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

- According to criteria of Regulation (EC) 1272/2008 the material is not classified as hazardous

2.2. Label elements

- According to criteria of Directive EC 67/548/EEC and Regulation (EC) 1272/2008 the substance does not need to be labelled

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Disclosures:	The product is produced by processing methods (washing, crushing, screening, grinding, etc.) from naturally occurring solid rocks or unconsolidated rocks with different mineral components. General designation: lava, lava sand, volcanic rock Index-Nr.: n/a EC no.: n/a. CAS no.: n/a, material is no chemical substance

4. FIRST AID MEASURES

4.1. Description of first aid measures

– Inhalation	No special measures required.
– Ingestion	No special measures required; if irritation persists, seek medical advice
– Skin contact	No special measures required; wipe off, then rinse with water
– Eye contact	Rinse with plenty of clean water (if irritation persists, consult a doctor)

4.2. Indication of any immediate medical attention and special treatment needed

- Not applicable

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

- The substance is not combustible. Use any means suitable to the surrounding for extinguishing fire.

5.2. Special hazards arising from the substance or mixture

- None

5.3. Advice for fire fighters

- Not appropriate

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

- Avoid creating airborne dust wherever possible, wear PSA; see 8.3

6.2. Environmental precautions

- No special measures required

6.3. Methods and material for containment and cleaning up

- Spills: sweep together (if possible wet) and dispose according regulations

6.4. Reference to other sections

- For personal protection see section 8
- For waste disposal see section 13

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

– Avoid creating airborne dust
– No risk of fire or dust explosion if stored, handled and transported correctly.

7.2. Conditions for safe storage, including any incompatibilities

– No special requirements

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

– State-specific official regulations for fine dust must be observed, e.g. OSHA-PEL (TWA) value: inhalable (E) 10 mg/m3, alveolar (A) 3 mg/m3).

8.2. Exposure controls

– **appropriate engineering controls**

– Compliance with the dust pollution limits must be ensured by using suitable control technology

– **individual protection measures**

Eye/ face protection	Wearing protective goggles is recommended when dust is generated
Skin (hand) protection	Wearing gloves is recommended, if potential for contact is given
Respiratory protection	Do not inhale dust. In case of dust generation, use a disposable dust mask (P1 - P3)

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

- **Appearance**

Parameter	**value/ comment**	**unit**
Form	Solid, grit-like, powder	-
Colour	Black, grey, red-brown	-
Odour	none	-

- Other physical and chemical parameters

Parameter	value/ comment	unit
pH	6 - 9	-
Change of staten	not under normal conditions	-
Flashpoint	non-explosive	-
Flammability	non-flammable	-
Ignition temperature	not applicable	-
Autoflammability	not applicable	-
Oxidizing properties	not applicable	-
Explosion hazard	not applicable	-
Vapor pressure	not applicable	-
Bulk density	700 - 1,300	kg/m3
Water solubility	practically insoluble	-
Partition coefficient	none	-

9.2. Other information

– No addition information

10. STABILITY AND REACTIVITY

10.1. Possibility of hazardous reactions

– Not applicable as material is not hazardous and no reactivity hazards are to be expected

10.2. Conditions to avoid

– none

10.3. Incompatible materials

– none

10.4. Hazardous decomposition products

– None known

10.5. Chemical stability

– Material is chemically stable (inert)

11. TOXICOLOGICAL INFORMATION

11.1. Potential health effects	no adverse effects are to be expected when used as intended. The material is inert and not bioavailable
11.2. Acute toxicity oral, inhalation, dermal	No acute toxicity
11.3. Carcinogenicity	No harmful effect detected
11.4. Mutagenicity	No harmful effect detected
11.5. Toxicity to reproduction	No harmful effect detected
11.6. Corrosivity	No harmful effect detected
11.7. Repeated dose toxicity	No harmful effect detected
11.8. Irritation	No harmful effect detected

12. ECOLOGICAL INFORMATION

12.1. Toxicity	– no aquatic toxicity
12.2. Persistence and degradability	– not applicable: inorganic substance – neither photo- or chemical degradation, nor biodegradation is expected
12.3. Bioaccumulative potential	– significant bioaccumulation is not expected
12.4. Mobility in soil	– No known environmental problems
12.5. Results of PBT and vPvB assessment	– Lava is no PBT or vPvB substance
12.6. Other adverse effects	– no other adverse effects are known, when used and processed according to general industry practice

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Labeling
Waste code according to EWC: 01 04 08

Waste treatment of containers/packaging
Packaging must be completely emptied and preferably reused or recycled in accordance with the applicable local/national regulations.

14. TRANSPORT INFORMATION

- Not a dangerous good according to the regulations ADR, IMDG and IATA

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific to the substance or mixture

- Not classified as hazardous substance or dangerous goods; no hazard symbol required

16. OTHER INFORMATION

This information describes exclusively the safety requirements of the product(s) and is based on our current knowledge. They do not represent any assurance of properties of the product(s) described within the meaning of the statutory warranty regulations.

Disclaimer:
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