

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 11150 Epidote

Page 1

Revised edition: 14.11.2022

Version: 1

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### 1. Identification of the Substance/Mixture and of the Company/Undertaking

#### 1.1. Product Identifier

*Product Name:* Epidote

*Article No.:* 11150

*UFI:* --

#### 1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against

*Identified uses:*  
Restoration purposes

*Uses advised against:*

#### 1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)

*Company:* Kremer Pigmente GmbH & Co. KG

*Address:* Hauptstr. 41-47, 88317 Aichstetten, Germany

*Tel./Fax.:* Tel +49 7565 914480, Fax +49 7565 1606

*Internet:* www.kremer-pigmente.com

*E-Mail:* info@kremer-pigmente.com

*Importer:* --

#### 1.4. Emergency No.

*Emergency No.:* +49 7565 914480 (Mon-Fri 8:00 - 17:00)

#### 1.4.2 Poison Center:

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### 2. Hazards Identification

#### 2.1. Classification of the Substance or Mixture

*Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)*

*This product does not require classification and labelling as hazardous according to CLP/GHS.*

*Possible Environmental Effects:*

#### 2.2. Label Elements

*Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)*

*This product does not require classification and labelling as hazardous according to CLP/GHS.*

*Hazard designation:*

*Not applicable.*

*Signal word:*

*Hazard designation:*

*Safety designation:*

*Hazardous components for labelling:*

#### 2.3. Other Hazards

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### 3. Composition/Information on Ingredients

next page: 2

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 11150 Epidote

Page 2

Revised edition: 14.11.2022

Version: 1

Printed: 16.11.2022

---

### 3.1. Substance

### 3.2. Mixture

*Chemical Characterization:* Natural earth: a calcium iron aluminium silicate

*Information on Components / Hazardous Ingredients:*

*Additional information:*

Exempted from the mandatory REACH Registration (Annex V No. 7)

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## 4. First Aid Measures

### 4.1. Description of the First Aid Measures

*General information:*

Take affected persons out into the fresh air.

*After inhalation:*

Supply fresh air. Consult physician if symptoms persist.

*After skin contact:*

No special measures required.  
Wash off with water.

*After eye contact:*

Rinse open eyes with plenty of water. In case of discomfort seek medical help.

*After ingestion:*

Rinse mouth with plenty of water.

### 4.2. Most important Symptoms and Effects, both Acute and Delayed

*Symptoms:*

No further information available.

*Effects:*

### 4.3. Indication of any Immediate Medical Attention and special Treatment needed

*Treatment:*

No further information available.

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## 5. Fire-Fighting Measures

### 5.1. Extinguishing Media

*Suitable extinguishing media:*

Product itself does not burn.  
Use extinguishing media for surrounding fire.

*Unsuitable extinguishing media:*

### 5.2. Special Hazards arising from the Substance or Mixture

*Special hazards:*

No special hazards.

### 5.3. Advice for Firefighters

*Protective equipment:*

No special measures required.

next page: 3

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 11150 Epidote

Page 3

Revised edition: 14.11.2022

Version: 1

Printed: 16.11.2022

---

*Further information:*

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### 6. Accidental Release Measures

#### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

*Personal precautions:*

*Avoid formation of dust, wear protective clothing.*

#### 6.2. Environmental Precautions

*Environmental precautions:*

*No special measures required.*

#### 6.3. Methods and Material for Containment and Cleaning Up

*Methods and material:*

*Do not clean dry.*

*Clean up by moistening product to avoid dust formation or use special vacuum cleaner.*

#### 6.4. Reference to other Sections

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### 7. Handling and Storage

#### 7.1. Precautions for Safe Handling

*Instructions on safe handling:*

*Avoid formation and deposition of dust. Provide adequate ventilation.*

*Do not swallow or inhale.*

*Provide adequate ventilation.*

*Hygienic measures:*

*Wash hands at the end of work. Preventive skin protection recommended.*

#### 7.2. Conditions for Safe Storage, including any Incompatibilities

*Storage conditions:*

*Store in tightly sealed containers in a dry and cool room.*

*Protect from direct exposure to light.*

*Protect against humidity and water.*

*Requirements for storage areas and containers:*

*Store in a cool place.*

*Information on fire and explosion protection:*

*No special measures necessary.*

*Storage class:*

*13; Non combustible solids (TRGS 510)*

*Further Information:*

#### 7.3. Specific End Use(s)

*Further information:*

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### 8. Exposure Controls/Personal Protection

next page: 4

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 11150 Epidote

Page 4

Revised edition: 14.11.2022

Version: 1

Printed: 16.11.2022

---

### 8.1. Parameters to be Controlled

*Parameters to be controlled (DE):*

*none known*

*Parameters to be controlled:*

*Derived No-Effect Level (DNEL):*

*Predicted No-Effect Concentration (PNEC):*

*Additional Information:*

### 8.2. Exposure Controls

*Technical protective measures:*

*Use appropriate local exhaust ventilation to control airborne levels.*

*Personal Protection*

*General protective measures:*

*Do not inhale dust. Do not eat, drink or smoke while working.  
Wash hands before breaks and at the end of work.  
Wash contaminated clothes before reuse.*

*Respiratory protection:*

*Wear protective mask, particle filter P2 or FFP2 or NIOSH N95 (for solid and liquid particles, EN 143, 149) if dust occurs.*

*Hand protection:*

*Wear protective gloves in case of allergic reactions or intolerance.*

*Protective glove material:*

*Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material and dexterity. Always seek advice from glove suppliers.*

*Eye protection:*

*Safety glasses (EN 166)*

*Body protection:*

*Environmental precautions:*

*No special measures required.*

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## 9. Physical and Chemical Properties

### 9.1. Information on Basic Physical and Chemical Properties

*Form:* *powder*

*Color:* *yellowish-green*

*Odor:* *odorless*

*Odor threshold:*  
*no information available*

*pH-Value:*  
*not determined*

*Melting temperature:*  
*not available*

next page: 5

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 11150 Epidote

Page 5

Revised edition: 14.11.2022

Version: 1

Printed: 16.11.2022

---

*Boiling temperature:*

*not applicable*

*Flash point:*

*not applicable*

*Evaporation rate:*

*No information available.*

*Flammability (solid, gas):*

*non-combustible*

*Upper explosion limit:*

*no information available*

*Lower explosion limit:*

*no information available*

*Vapor pressure:*

*not applicable*

*Vapor density:*

*This product is a non-volatile solid.*

*Density:*

*3.3 - 3.5 g/cm<sup>3</sup>*

*Solubility in water:*

*insoluble*

*Coefficient of variation (n-  
Octanol/Water):*

*no information available*

*Auto-ignition temperature:*

*No information available.*

*Decomposition temperature:*

*No data available.*

*Viscosity, dynamic:*

*not applicable*

*Explosive properties:*

*not applicable*

*Oxidizing properties:*

*no information available*

*Bulk density:*

### 9.2. Further Information

*Solubility in solvents:*

*Viscosity, kinematic:*

*Burning class:*

*Solvent content:*

*Solid content:*

*Particle size:*

next page: 6

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 11150 Epidote

Page 6

Revised edition: 14.11.2022

Version: 1

Printed: 16.11.2022

---

### *Other information:*

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#### **10. Stability and Reactivity**

##### **10.1. Reactivity**

*Chemically stable.*

##### **10.2. Chemical Stability**

*The product is stable.*

##### **10.3. Possibility of Hazardous Reactions**

*This material is considered to be stable.*

##### **10.4. Conditions to Avoid**

*Conditions to avoid:*

*No information available.*

*Thermal decomposition:*

##### **10.5. Incompatible Materials**

*No information available.*

##### **10.6. Hazardous Decomposition Products**

*No information available.*

##### **10.7. Further Information**

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#### **11. Toxicological Information**

##### **11. 1. Information on Hazard Classes as defined in Regulation (EC) No. 1272/2008**

*Acute Toxicity*

*No toxicity expected.*

*LD50, oral:*

*LD50, dermal:*

*LC50, inhalation:*

*Primary effects*

*Irritant effect on skin:*

*No irritant effect known.*

*Irritant effect on eyes:*

*Dust may irritate eyes.*

*Inhalation:*

*No information available.*

*Ingestion:*

*No irritant effect known.*

*Sensitization:*

*No relevant data found.*

*Mutagenicity:*

*No relevant data found.*

*Reproductive toxicity:*

*No relevant data found.*

*Carcinogenicity:*

next page: 7

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 11150 Epidote

Page 7

Revised edition: 14.11.2022

Version: 1

Printed: 16.11.2022

---

*No relevant data found.*

*Teratogenicity:*

*No information available.*

*Specific target organ toxicity (STOT):*

*No relevant data found.*

*Aspiration hazard*

*No information available.*

### 11. 2. Information on other Hazards

*No further information available.*

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## 12. Ecological Information

### 12. 1. Aquatic Toxicity

*No information available.*

*Fish toxicity:*

*Daphnia toxicity:*

*Bacteria toxicity:*

*Algae toxicity:*

### 12. 2. Persistency and Degradability

*No information available.*

### 12. 3. Bioaccumulation

*No information available.*

### 12. 4. Mobility

*No information available.*

### 12. 5. Results of PBT- und vPvP Assessment

*No data available.*

### 12. 6. Endocrine Disrupting Properties

*Not listed.*

### 12. 7. Other Adverse Effects

*Water hazard class:*

*Not hazardous.*

*Behaviour in sewage systems:*

*Further ecological effects:*

*Not considered to be environmentally harmful.*

*AOX Value:*

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## 13. Disposal Considerations

### 13. 1. Waste Treatment Methods

*Product:*

*If product cannot be reused or recycled, it has to be disposed of according to current local regulations.*

*European Waste Code (EWC):*

*Uncleaned packaging:*

next page: 8

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



**11150 Epidote**

Page 8

Revised edition: 14.11.2022

Version: 1

Printed: 16.11.2022

---

*Dispose of according to official local regulations.*

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*Waste Code No.:*

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## 14. Transport Information

### 14.1. UN Number

*ADR, IMDG, IATA*

### 14.2. UN Proper Shipping Name

*ADR/RID:*

*No hazardous goods according to ADR / DOT (US) (land transportation).*

*IMDG/IATA:*

*Not hazardous goods*

### 14.3. Transport Hazard Classes

*ADR Class:*

*not applicable*

*Hazard no.:*

*Classification code:*

*Tunnel restriction code:*

*IMDG Class (sea):*

*not applicable*

*Hazard no.:*

*EmS No.:*

*IATA Class:*

*not applicable*

*Hazard no.:*

### 14.4. Packaging Group

*ADR/RID:*

*not applicable*

*IMDG:*

*IATA:*

### 14.5. Environmental Hazards

*None*

### 14.6. Special Precautions for User

*Not classified as a dangerous good under transport regulations.*

### 14.7. Maritime Transport in Bulk according to IMO Instruments

*not applicable*

### 14.8. Further Information

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## 15. Regulatory Information

### 15.1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

*Water hazard class:*

next page: 9

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 11150 Epidote

Page 9

Revised edition: 14.11.2022

Version: 1

Printed: 16.11.2022

---

*0, not hazardous (German Regulation)*

*Local regulations on chemical accidents:*

*Employment restrictions:*

*Restriction and prohibition of application:*

*Technical instructions on air quality:*

### 15.2. Chemical Safety Assessment

*Exempted from the mandatory REACH Registration (Annex V No. 7)*

### 15.3. Further Information

*none*

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### 16. Other Information

*This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.*