

# Natural Slate

Slate products supplied by SIGA are naturally occurring materials. They are also considered to be inert articles and as such are exempt from requirements under the REACH Regulation EC 1907/2006 to provide a Safety Data Sheet

## 1. Identification of the product and of the company / undertaking

### 1.1 Product Identifier

Product Name Natural Slate products  
Generic name Slate

### 1.2 Relevant identified uses (and uses advised against)

Identified Uses Discontinuous roofing and cladding.  
Advised against Applied to structures where the additional load exceeds the structures support capability.

### 1.3 Details of the supplier of the Safety Data Sheet

Supplier SIGA Natural Slate  
Address Harding Way, St Ives, Cambridgeshire, PE27 3YJ  
Telephone +44 (0) 1480 302500  
email info@sigaslate.co.uk  
Web www.sigaslate.co.uk

### 1.4 Emergency telephone number

+44 (0) 1480 302500 office hours (08:00 – 16:30 Mon-Fri)

## 2. Hazards Identification

### 2.1.1 Classification according to Regulation (EC) No 1272/2008 (CLP)

Item is considered an inert article and therefore excluded from classification.

### 2.1.3 Additional Information

Natural slate.

### 2.2 Label elements

No labelling obligation for this article under EU regulation.

### 2.3 Other Hazards

Dry working (drilling, cutting, nibbling) can release dusts unless controlled – see Section 8.  
Where slate is worked with power tools in a closed environment, quantities of dust may be produced above regulatory exposure levels.  
Due to the nature of the stone and the way the slates are produced by splitting blocks, SIGA Natural Slate may have sharp edges which can cause abrasions or cuts.

## 3. Composition/information on ingredients

Substance name	CAS No.	EC No.	% w/w	Classification EC 1272/2008	Hazard Pictogram
Quartz*	14808-60-7	238-878-4	<95	Not Classified	None

NOTE: \*Respirable Crystalline Silica (RCS) may be formed when dry working

## 4. First aid measures

### 4.1 Description of first aid measures

general Dust exposure symptoms.  
inhalation If coughing, discomfort, or obstruction occurs due to inhalation of dust seek medical advice.  
skin contact Wipe material from skin. Wash off with soap and plenty of water.  
eye contact Thoroughly clean any cuts or abrasions before covering with a sterile dressing.  
Immediately flush with plenty of water. After initial flushing, remove contact lenses where present and continue flushing for at least 15 minutes. If eye irritation persists, consult a specialist.  
ingestion Wash out mouth with water, do not induce vomiting.  
protection No special measures identified.

### 4.2 Most important symptoms and effects, both acute and delayed

general Product is considered relatively benign.  
inhalation Irritation of the airway from fine particles generated by mechanical working of the article.

skin contact Prolonged contact by exposed skin may show mild irritation at site of contact from dusts.  
 eye contact May be irritation and redness from dusts.  
 ingestion May be irritation of the throat from dusts.

**4.3 Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**5. Fire fighting measures**

**5.1 Extinguishing media**

Suitable As appropriate for the local circumstances and surrounding environment. Slate is non-combustible.  
 Unsuitable No specific information available.

**5.2 Special hazards**

No hazardous combustion products anticipated.

**5.3 Advice for fire fighters**

Wear self-contained breathing apparatus.

**6. Accidental Release Measures**

**6.1 Personal Precautions**

**6.1.1 For non-emergency Personnel**

Wear cut and abrasion resistant gloves.

**6.1.2 For emergency responders**

Wear cut and abrasion resistant gloves.

**6.2 Environmental Precautions**

Do not flush into surface water or sanitary sewer system.

**6.3 Methods and material for containment and cleaning up**

Small pieces should be collected and disposed of to an identified receptacle using suitable PPE.  
 Dusts should be removed using a high efficiency (HEPA) filter vacuum OR the area should be wetted with fine water spray before sweeping.

**6.4 Reference to other sections**

For personal protection see section 8.

**7. Handling & Storage**

**7.1 Precautions for safe handling**

Wash hands thoroughly at the end of work and before breaks.  
 Do not smoke, eat, or drink when handling slates.  
 High-speed steel drills are recommended for holing slates, these should be used in conjunction with on-tool dust extraction or on a purpose-built extraction table.  
 Use cut and abrasion resistant gloves to protect against sharp edges.  
 Manipulating slates from site storage to installation location should be considered during the development of the Work at Height Risk Assessment.

**7.2 Conditions for safe storage, including any incompatibilities**

Slates are typically shipped as full pallet quantities in non-returnable wooden pallets.  
 Slate pallets are heavy so should be stored on flat, firm and level ground to prevent pallet collapse or fall.  
 Slate pallets should not be stacked more than two pallets high to avoid stack collapse or fall.  
 Slates should be stored on-edge.  
 As construction weather protection there is no need to store slate indoors or under cover short term.  
 Excessive storage could see degradation of the pallet timbers especially on wet ground or in standing water - good stock rotation is recommended.

**7.3 Specific end use(s)**

Natural slate products for discontinuous roofing and cladding

**8. Exposure controls / personal protection**





**8.1 Control parameters for workplace**

Component: as listed in EH40	Identifier (CAS #)	State	LTEL 8h TWA (mg/m3)	LTEL 8h TWA (ppm)	STEL 15m (mg/m3)	STEL 15m (ppm)
General Dusts	*	Inhalable	10	*	*	*
General Dusts	*	Respirable	4	*	*	*
Respirable Crystalline Silica (RCS)	*	Respirable	0.1	*	*	*

**8.2 Exposure controls  
Engineering Controls**

Dry working of the material (cutting, drilling, nibbling) has the potential to generate fine dust particles.  
Apply positive ventilation in confined spaces if dust becomes evident.  
Use on tool high efficiency particulate (HEPA) extraction where possible.

### Personal Protective Equipment

- Eye  Safety goggles EN 166 when a risk assessment indicates this to be necessary e.g., drilling.
- Hand  Gloves EN 374 – suitable for cut and abrasion resistance.
- Skin and body  Long sleeved work clothing, long trousers to protect against dust and UV exposure.
- RPE  Dust mask FFP3 – when cutting and drilling OR changing filter bags.

### Environmental Controls

Wet down area before sweeping.

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance Solid.  
Colour Grey/Green/Blue.  
Other properties See product range specific Technical Data Sheet and/or Declaration of Performance.

### 9.2 Other information

No data available.

## 10. Stability & Reactivity

### 10.1 Reactivity

None under foreseeable anticipated conditions of use

### 10.2 Chemical Stability

None under foreseeable anticipated conditions of use

### 10.3 Possibility of hazardous reactions

None under foreseeable anticipated conditions of use

### 10.4 Conditions to avoid

None under foreseeable anticipated conditions of use

### 10.5 Incompatible materials

None under foreseeable anticipated conditions of use

### 10.6 Hazardous decomposition products

None under foreseeable anticipated conditions of use

## 11. Toxicological information

Component	Route	Species	Test	Exposure	Value	Unit
Not Classified	*	*	*	*	*	*

## 12. Ecological information

### 12.1 Toxicity

Component	Toxicity to:	Test	Exposure	Value	Unit
Not Classified	*	*	*	*	*

### 12.2 Persistence and degradability

Inert, not degradable

### 12.3 Bioaccumulative potential

No indication of bio-accumulation potential

### 12.4 Mobility in soil

No indication of mobility in soil

### 12.5 Results of PBT and vPvB assessment

This article does not meet the PBT/vPvB criteria of REACH annex XIII

### 12.6 Other adverse effects

No data available

### 13. Disposal considerations

#### 13.1 Waste treatment methods

##### 13.1.1 Product / packaging disposal

Wood pallets are non-returnable designed for one way shipment due to the weight of the load.

Where the site does not have a segregated (for re-use) provision:

EWC 15-01-03 wooden packaging.

Slates are considered non-hazardous but must be disposed of in accordance with national / local regulations. In the absence of any segregated (for re-use) provision:

EWC 17-09-04 mixed construction and demolition wastes other than those mentioned in 17-09-01 to 03.

##### 13.1.2 Waste treatment – relevant information

The product is a naturally occurring material and may be segregated by appropriate treatment facilities.

##### 13.1.3 Sewage disposal – relevant information

Avoid entry into sewers and watercourses.

##### 13.1.4 Other disposal recommendations

Avoid burning pallets – local smoke free regulations may apply.

### 14. Transport information

**UN No.** Not classified for transport.

### 15. Regulatory information

#### 15.1 Safety, health, and environmental regulations / legislation specific for the substance or mixture

REACH candidate SVHC list None of the substances are listed.

REACH Annex XIV - authorisation None of the substances are listed.

REACH Annex XVII – restriction None of the substances are listed.

#### 15.2 Chemical Safety Assessment

No Chemical Safety Assessment is required for this article.

### 16. Other information

Pictogram(s) No pictograms listed requiring explanation.

Hazards No statements listed requiring explanation.

Precautions No statements listed requiring explanation.

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Changes to previous version	Updated to reflect revised regulations and standards

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