

# Material Safety Data Sheet

## LUMINOUS CRUSHED STONES MSDS

**MSDS Number:** 22211 ..... **Effective Date:** 2022-01-05 .....

### 1 PRODUCT NAME

Supplier

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### 2 Product Identification

Ceramic Material CAS NO: 66402-68-4

Photoluminescent Pigment N/M

### 3 HAZARDS IDENTIFICATION

No requirement of a hazard warning label, follow the normal safety precautions for handling of Chemical

### 4 FIRST AID MEASURES

General information	Remove soiled or soaked clothing immediately Remove the casualty into fresh air and keep him calm Wash off immediately with soap and water
Inhalation	
Skin contact	Wash/rinse thoroughly with water
Eyes contact	After swallowing, drink several glasses of water. Ask the patient to vomit of his own accord only if fully conscious. Summon a doctor immediately.
Ingestion	

### 5 FIRE FIGHTING MEASURES

Suitable extinguishing media: water mist, foam, carbon dioxide, dry powder, dry sand  
Special protective equipment for fire-fighting  
In case of combustion use a suitable breathing equipment.

### 6 ACCIDENTAL RELEASE MEASURES

Personal precautions	Ensure adequate ventilation Avoid dust formation
Methods for cleaning up/taking up	Pick up mechanically Pick for disposal in tightly closed containers

### 7 HANDLING AND STORAGE

Handling Advice on safe handling: Ensure adequate ventilation

	Advice on protection against fire and explosion: No special measures necessary
Storage	Advice on storage compatibility Do not store with acids
Further information on storage	Keep container tightly closed Keep container dry
Storage class	Spread of a fire

#### EXPOSURE CONTROLS/PERSONAL PROTECTION

General protective measures	Do not inhale dust
Hygiene measures	Wash hands before breaks and after work. Clean skin thoroughly after work; apply skin cream.
Respiratory protection	Dust mask
Hand protection	rubber gloves
Eye protection	safety glasses
Body protection	protective clothing
Hygienic and work practice	keep away from food and drink. Wash hands before break

#### 9 PHYSICAL AND SECURITY TECHNICAL DATA

Shape		Solid Polymer
Color		Slight green
Odor		No Odor
Melting point		>500°C
Specific weight	at 20°C	Approx. 1.5-2.0 g/cm <sup>3</sup>
Ph	at 20°C	6-7
Vapor pressure	at 20°C	--- Kpa
Density in relation to the air		---
Solubility in water	at 20°C	insoluble g/l
Flashpoint		--- °C
Further information		N/M

#### 10 STABILITY AND REACTIVITY

Thermal decomposition	No decomposition of used as prescribed.
Hazardous reactions	Reactions with acids.
Further information	Humidity for a long time will reduce its afterglow brightness.

#### 11 TOXICOLOGICAL DATA

Acute toxicity-oral	LD50>100 g/kg
Acute toxicity-dermal	no effect
Acute toxicity-inhalation	no effect
Eye irritation	no irritation
Skin sensation	no irritation
Effects for man	no effect

#### 12 ECOLOGICAL DATA

Further ecological information	Ecological data are not available
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#### 13 DISPOSAL CONSIDERATIONS

Product: In accordance with regulations for special waste, must be taken to a special waste disposal site.

#### 14 TRANSPORT INFORMATION

Road transport	
ADR	not restricted
RID	not restricted
Marine transport	
IMDG/UN	not restricted
Air transport	
ICAO/IATA-DGR	not restricted
Dispatch by post	permitted

#### 15 REGULATORY

Hazard warning labeling not compulsory

#### 16. RADIOACTION AND HEAVY METAL

Free from radioactive additives

Test program	B9/g
Total radiation of $\alpha$	<0.002
Total radiation of $\beta$	<0.003

Free from heavy metal

Cd	< 10	mg/kg
Chrome	< 10	mg/kg
Lead	< 15	mg/kg
Hg	< 10	mg/kg

#### 17 FURTHER INFORMATION

The information herein is given to the best of our current knowledge, but no warranty express or implied, is made in respect of the qualities.