

Material Safety Data Sheet

LUMINOUS RESIN COBBLES MSDS

1 PRODUCT NAME

Supplier

Jinan Great Material Co.,Ltd

2 Product Identification

Unsaturated Polyester Resin CAS NO: 26123-45-5

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

Inhalation

casualty into fresh air and keep him calm Wash off

Skin contact

immediately with soap and water

Eyes contact

Wash/rinse thoroughly with water

Ingestion

After swallowing, drink several glasses of water. Ask the patient to vomit of his own accord only if fully conscious. Summon a doctor immediately.

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

Keep container tightly closed

storage

Keep container dry

Storage class

Spread of a fire

EXPOSURE CONTROLS/PERSONAL PROTECTION

General protective measures

Do not inhale dust

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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 word practice	keep away from food and drink. Wash hands before break

9 PHYSICAL AND SECURITY TECHNICAL DATA

Shape		Solid Polymer	
Color		Various	
Odor		Slight Styrenated Odor	
Melting point		>200°C	
Specific weight	at 20°C	Approx.1.5-2.0 g/cm3	
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	-
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
Dispatch by post

not restricted
permitted

15 REGULATORY

Labeling in accordance with GefStoffV/EC

Hazard warning labeling not compulsory

16. RADIOACTION AND HEAVY METAL

Free from radioactive additives

Test program	B9/g
Total radiation of α	<0.005
Total radiation of β	<0.008

Free from heavy metal

Cd	< 50	mg/kg
Chrome	< 50	mg/kg
Lead	< 90	mg/kg
Hg	< 50	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.