

Safety Data Sheet for not dangerous mixtures according to 878/2020 EU Regulation

Date of Compilation/Revision: 28.10.2021.

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: Eco glitter

Synonyms / trade names: Potassium Magnesium Aluminium Silicate , Mica

REACH registration number: Exempt

CAS-No: 12001-26-2

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

Decorative and aesthetic effects

1.3. Details of the supplier of the safety data sheet

Unicraft BV

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e-mail: info@unicraft.be

For product safety information please contact: info@unicraft.be

1.4. Emergency telephone number

https://echa.europa.eu/documents/10162/23019181/emergency_phone_numbers_en.pdf/d911af43-4bcf-9371-a59d-a20736d91e7d

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

This product is not classified according to (EC) Regulation No 1272/2008.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Eco glitter

Potassium Magnesium Aluminium Silicate (CAS-No: 12001-26-2)

This product is not classified according to (EC) Regulation No 1272/2008.

2.3. Other hazards

It does not contain PBT/vPvB materials,

SECTION 3: Composition/information on ingredients

3.1. Substances

The details below includes all impurities and by-products that contribute to the product classification or that have an occupational exposure limits.

Substance(s): Potassium Magnesium Aluminium Silicate

concentration: > 99,9%

EC-No.: --

CAS-No.: 12001-26-2

Classification according to Regulation (EC) No 1272/2008: Not classified

Substance(s): Quartz (Substance(s) with occupational exposure limits)

concentration: < 0,1%

EC-No.: 238-878-4

CAS-No.: 14808-60-7

Classification according to Regulation (EC) No 1272/2008 : Not classified

Refer to Section 16 for full details of hazard statements and Notas.

SECTION 4: First aid measures

4.1. Description of necessary first-aid measures**General:**

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation:

Keep patient calm, remove to fresh air, if necessary, seek medical attention.

Eye contact:

Make sure to remove any contact lenses from the eyes before rinsing. Rinse eye with water immediately. Get medical attention if any discomfort continues..

Skin contact:

Wash thoroughly with soap and water. Get medical attention if irritation persists after washing.

Ingestion:

Rinse mouth. When symptoms persist, seek medical attention.

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

No specific symptoms noted.

4.3. Indication of immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

This product is not flammable. Use fire extinguishing media appropriate for surrounding materials.

Not to be used : Not known.

5.2. Special hazards arising from the substance or mixture

None under normal conditions

5.3. Advice for firefighters

No specific fire fighting procedures given

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Follow precautions for safe handling described in this safety data sheet

6.2. Environmental precautions

The product should not be dumped in nature but collected and delivered according to agreement with the local authorities.

6.3. Methods and materials for containment and cleaning up

Avoid dust formation. Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like. Transfer to a container for disposal.

6.4. Reference to other sections

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

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Avoid handling which leads to dust formation. Avoid inhalation of high concentrations of dust. Observe occupational exposure limits and minimise the risk of inhalation of dust.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

7.3. Specific end uses

See section 1.2

SECTION 8: Exposure controls/personal protection**8.1. Control parameters**

Components with workplace control parameters

Country	Name	STD	TWA, 8 h		STEL, 15 Min	Notes
			Inhalable	Respirable		
Austria	Potassium Magnesium Aluminium Silicate		10,0 mg/m ³			
	Quartz			0,15 mg/m ³		A
Belgium	Potassium Magnesium Aluminium Silicate	GVB / VLEP / AGW	3,0 mg/m ³			
	Quartz			0,1 mg/m ³		
China	Quartz			0,5 mg/m ³		
Czech Republic			N/A			
Denmark	Potassium Magnesium Aluminium Silicate	GRV			0,3 mg/m ³	Fibres
	Quartz			0,1 mg/m ³		K(1)
Estonia	Quartz			0.1 mg/m3		
Finland	Quartz	HTP		0.05 mg/m3		
France	Quartz	VLEP		0.1 mg/m3		
Germany			N/A			
Greece			N/A			
Hungary	Quartz	MKBS		0.15 mg/m3		
Italy	Quartz	ACGIH		0.025 mg/m3		A2(1)
Japan	Quartz			0.03 mg/m3		1
Korea	Potassium Magnesium Aluminium Silicate		3,0 mg/m ³			
	Quartz			0,05 mg/m3		
Latvia	Quartz		4,0 mg/m3			
Netherlands	Quartz	MAC		0.075 mg/m3		
Norway	Quartz		0,3 mg/m3	0,1 mg/m3		K(2)
Poland			N/A			
Portugal		VLE	N/A			
Spain	Quartz	LEP		0,05 mg/m3		
Sweden	Quartz	HGV		0,1 mg/m3		C
Turkey			N/A			
UK	Potassium Magnesium Aluminium Silicate	WEL	10,0 mg/m3	0,8 mg/m3		
	Quartz			0,1 mg/m3		

A = Aveolengängiger Anteil

GVB = Grenswaarden voor blootstelling aan chemische agentia

VLEP = Valeurs limites d'exposition professionnelle

AGW = Arbeitsplatzgrenzwert

PEL = Příпустné expoziční limity

GRV = Grænseværdier for stoffer og materialer

K(1) = betyder, at stoffet er optaget på listen over stoffer, der anses for at være kræftfremkaldende

HTP = Haitallisiksi tunnetut pitoisuudet

MKBS = Munkahelyek kémiai biztonságáról szóló

ACGIH = American Conference of Governmental Industrial Hygienists

A2(1) = Carcinogeno sospetto per l'uomo

1 = ヒトに対して発がん性のある物質

MAC = Maximaal Aanvaarde Concentraties

K(2) = Kjemikalier som skal betraktes som kreftfremkallende

AN = Administrative normer.

VLE = Valor limite de exposição

A2(2) = Agente carcinogénico suspeito no Homem

LEP = Valor límite de exposición profesional.

HGV = Hygieniskt gränsvärde

C = Ämnet är cancerframkallande

WEL = Workplace exposure limit

Ingredient comments:

Dust contains respirable crystalline silica. Prolonged and/or massive inhalation of respirable crystalline silica dust may cause lung fibrosis, commonly referred to as silicosis. Principal symptoms of silicosis are cough and breathlessness. Occupational exposure to respirable dust should be monitored and controlled. The product should be handled using methods and techniques that minimise or eliminate dust generation. The product contains less than 1% w/w RCS (respirable crystalline silica) as determined by the SWERF method. The respirable crystalline silica content can be measured using the "Size-Weighted Respirable Fraction – SWERF" method. All details about the SWERF method is available at www.crystallinesilica.eu

8.2. Exposure controls

Appropriate engineering controls

Protective equipment



Engineering measures: Provide adequate ventilation. Observe occupational exposure limits and minimise the risk of inhalation of dust.

Respiratory equipment: No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit. Wear dust masks in dusty areas.

Personal protective equipment

Eye/face protection

Wear dust resistant safety goggles where this is a danger of eye contact.

Skin/Hand protection

No specific hand protection noted, but gloves may still be advisable.

Other protection:

Provide eyewash station.

Hygiene measures:

Wash hands at the end of each work shift and before eating, smoking and using the toilet.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

(a) Physical state	Powder, flakes, dust
(b) Colour	product specific (bronze, silver, gold)
(c) Odour	odourless
(d) Melting point/freezing point	1300 °C
(e) Boiling point or initial boiling point and boiling range	not determined

(f) Flammability	not determined
(g) Lower and upper explosion limit	not determined
(h) Flash point	not determined
(i) Auto-ignition temperature	not determined
(j) Decomposition temperature	not determined
(k) pH	9
(l) Kinematic viscosity	not determined
(m) Solubility	insoluble in water
(n) Partition coefficient n-octanol/water (log value)	not applicable
(o) Vapour pressure	not determined
(p) Density and/or relative density	2,8 g/cm ³
(q) Relative vapour density	not determined
(r) Particle characteristics	Not determined. It does not contain nanoparticles.

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No specific reactivity hazards associated with this product.

10.2. Chemical stability

Stable under normal temperature conditions.

10.3. Possibility of hazardous reactions

Not relevant

10.4. Conditions to avoid

No specific conditions are likely to result in a hazardous situation

10.5. Incompatible materials

No specific, or groups, of materials are likely to react to product a hazardous situation.

10.6. Hazardous decomposition products

None under normal circumstances.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

(a) acute toxicity: Based on available data, the classification criteria are not met

No data available.

(b) skin corrosion/irritation: Based on available data, the classification criteria are not met

No data available.

(c) serious eye damage/irritation: Based on available data, the classification criteria are not met

No data available.

(d) respiratory or skin sensitisation: Based on available data, the classification criteria are not met

No data available..

(e) germ cell mutagenicity: Based on available data, the classification criteria are not met

No data available.

(f) carcinogenicity: Based on available data, the classification criteria are not met

There is no evidence that the product can cause cancer

(g) reproductive toxicity: Based on available data, the classification criteria are not met

This substance has no evidence of toxicity to reproduction

(h) STOT-single exposure: Based on available data, the classification criteria are not met

(i) STOT-repeated exposure: Based on available data, the classification criteria are not met

(j) aspiration hazard: Based on available data, the classification criteria are not met

Not anticipated to present an aspiration hazard, based on chemical structure

SECTION 12: Ecological information

12.1. Toxicity

Based on available data, the classification criteria are not met

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

Not relevant, due to the form of the product.

12.5. Results of PBT and vPvB assessment

The product does not fulfill the criteria for PBT(Persistent/bioaccumulative/toxic) and vPvB (very persistent/very bioaccumulative).

12.6. Endocrine disrupting properties

No information available

12.7. Other adverse effects

Not known.

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Do not dispose of together with household waste. In accordance with local and national regulations.

Non-hazardous waste, but the generation of waste should be avoided or minimized wherever possible. Do not allow into drains or water courses. The waste packaging can be recycled.

SECTION 14: Transport information**Transportation for non-hazardous goods.**

14.1. UN number or ID number Not applicable.

14.2. UN proper shipping name Not applicable.

14.3. Transport hazard class(es) Not applicable.

14.4. Packing group Not applicable.

14.5. Environmental hazards No

14.6. Special precautions for user Observe the applicable safety data sheet.

14.7. Maritime transport in bulk according to IMO instruments Not applicable.

SECTION 15: Regulatory information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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

According to the local regulation. For product there are no special requirements.

15.2. Chemical safety assessment

Chemical safety assessment has not been carried out./ not required.

SECTION 16: Other information**Abbreviations:**

EK / EU European community/European union

EGK European Economic Community

DNEL Derived No Effect Level

PNEC Predicted No Effect Concentration

CLP Regulation on Classification, Labelling and Packaging of Substances and Mixtures /

CAS Chemical Abstracts Service

UN / ENSZ United Nations

ADN Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure

ADR Accord européen relatif au transport international des marchandises Dangereuses par Route

RID Règlement international concernant le transport des marchandises dangereuses par chemin de fer

IMDG International Maritime Code for Dangerous Goods

MARPOL International Convention for the Prevention of Pollution From Ships

IBC Intermediate Bulk Container

IATA International Air Transport Association

ICAO International Civil Aviation Organization
PBT Persistent, Bioaccumulative, Toxic
vPvB very Persistent, very Bioaccumulative

This product Safety Data Sheet provides health, safety, and regulatory information. The information contained in this Safety Data Sheet is based on data available to us at the date of issue , and is provided in good faith, and believed to be accurate and reliable at the date of issue, however, no warranty, express or implied is provided. The product is to be used in applications consistent. For any other uses, exposures should be evaluated so that the appropriate handling practices and training programs can be established to ensure safe working conditions and operations. It is the buyer's/user's responsibility to satisfy itself that the product is suitable for the intended use, and to ensure that its activities comply with all federal, state, provincial, or local laws and regulations. Regulatory requirements are subject to change and may differ between European Member States and Nations. Individuals handling this product should be informed of the recommended safety precautions and should have access to this information.