

Safety Data Sheets

aurora borealis

Product code: PM-000552

Departement: mica dry pigments

C.A.S. : 12001-26-2, 13463-67-7, 57455-37-5



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Section: 1 Identification

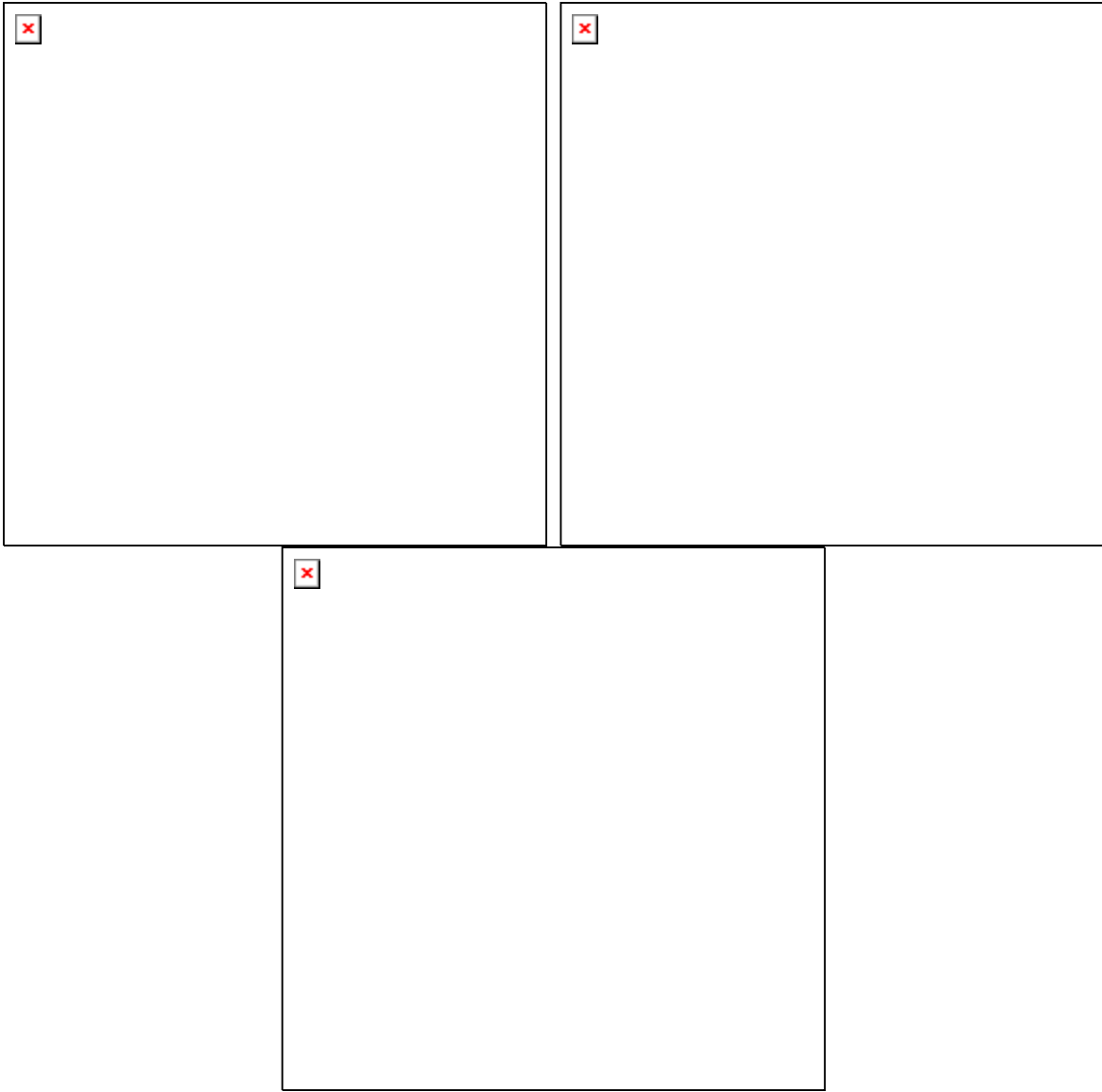
Product name	Aurora borealis Mica powder
Material use	Coloring material

Section: 2 Hazard Identification

GHS-Labeling	Not a dangerous substance according to GHS.
Other hazards	None known

HGS Label Elements

	
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Mention d'avertissement

Conseils de prudence

Classe SGH

P260 Do not breathe dust.

The product does not require a hazard warning label in accordance with GHS criteria.

Mentions de danger

Section: 3 Composition / Information on Ingredients

Chemical nature	Mica coated with titanium dioxide and ultramarine blue			
Chemical Composition	Percentage (%)	CI NO.	CAS NO.	EINECS NO.
Mica	55-59	77019	12001-26-2	310-127-6
TiO ₂	40-44	77891	13463-67-7	236-675-5
Ultramarine blue	0-1	77707	57455-37-5	309-928-3

Section: 4 First Aid Measures

Inhalation	Move affected person to fresh air. If symptoms persist seek medical attention.
Skin contact	Wash affected skin with plenty of water
Eye contact	If contact with eyes directly, flush with gently flowing fresh water thoroughly. If eye irritation persists, get medical advice
Ingestion	Rince mouth with water, drink milk or egg white
Long term (repeated) effects	May cause irritation to the respiratory system, cough and/or increased difficulty in breathing

Section: 5 Fire Fighting Measures

Suitable extinguishing media	Extinguish with waterspray, foam or dry chemical
Unsuitable extinguishing media	Carbon dioxide
Special risks	Non-combustible. None anticipated
Advice for firefighters	Fire fighters should wear complete protective clothing including self-contained breathing apparatus

Section: 6 Accidental Release Measures

Personal precautions	Do not breathe dust
Personal protection equipment	Wear appropriate personal protective equipment, see section 8.
In case of emergency	A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.
Environmental precautions	Do not allow to enter drains, sewers or watercourses.
Containment and cleaning	Collect mechanically and dispose of according to Section 13. Use vacuum equipment for collecting spilt materials.

Section: 7 Handling And Storage

Precautions for safe handling	Avoid breathing dust
Conditions for safe storage	Keep container tightly closed in a dry and well ventilated place

Section: 8 Exposure Control/Personal Protection

Control parameters	Provide adequate ventilation when using the material and follow the principles of good occupational hygiene to control personal exposures
Exposure limit values	Unknown
Appropriate engineering controls	Provide adequate ventilation to ensure that the occupational exposure limit is not exceeded. Isolate from other operations. This can be achieved by local exhaust ventilation or general ventilation
Individual protections measures, such as personal protective equipment(PPE)	
Eye/face protection	Wear eye protection and an approved dust mask if dust is generated during handling. Goggles giving complete protection to eyes. Dust mask covering nose and mouth
Skin protection	Apron or other light protective clothing, boots and plastic or synthetic rubber gloves
Respiratory protection	Dust mask covering nose and mouth
Thermal hazards	None
Environmental exposure controls	Avoid dust generation. Avoid accumulation of dust

Section: 9 Physical and Chemical Properties

Form	Powder
Colour	Blue
Odour	Odourless
pH	6.0-9.0 (4% H ₂ O)
Density	3.0-3.1 kg/L
Bulk density	24-28 g/100g
Solubility (in water)	Insoluble
Particle size	10-60µm

Section: 10 Stability And Reactivity

Reactivity	There may be violent or incandescent reaction of the product with metals at high temperatures (aluminium; calcium; magnesium; potassium; sodium; zinc; lithium)
Chemical stability	Stable under normal conditions
Possibility of hazardous reactions	None
Conditions to avoid	High temperature
Incompatible materials	Strongly acidic, strongly alkaline, oxidizing agents
Decomposition products	No information available

Section: 11 Toxicological Information

This inorganic pigment in general is considered to be practically nontoxic.

Acute toxicity	Not available
Carcinogenicity	Not available

Section: 12 Ecological Information

Toxicity	No data
Degradability	Insoluble in water. This product is predicted not to degrade in soil and water
Bioaccumulative potential	No data
Mobility in soil	Not applicable

Section: 13 Disposal Considerations

Waste treatment methods	Dispose of contents in accordance with local or national legislation
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Section: 14 Transport Information

ADR/RID	Not regulated
ADN	Not regulated
IMDG	Not regulated
ICAO/IATA	Not regulated

Section: 15 Regulatory Information

Not classified as dangerous for supply or use

Section: 16 Autres renseignements

Acronyms

ADR	European Agreement concerning international carriage of Dangerous goods by Road
CAS	Chemical Abstracts Service
EC	European Community
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IATA	International Air Transport Association

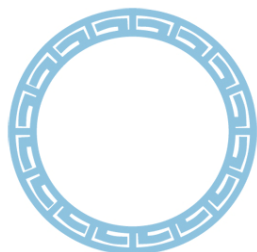
Reference	Manufacturer's material safety data sheet.
Prepared by	Kama pigments

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