

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product Identifier

Trade Name : Kale

: Kaleidocolor Pigment - 02

Relevant Identified Uses of the Substance/Mixture and Uses Advised Against

Uses of the Substance/Mixture : Not Known

Uses Advised Against : Colouring agent

Details of the Supplier of the Safety Data Sheet

Distributor : Glitter Unique

SECTION 2 - HAZARD IDENTIFICATION

Classification of the Substance/Mixture

According to Regulation (EC)	
No.1272/2008(CLP)	: No hazardous product as specified in Directive
	Regulation (EC) No1223/2009
According to Directive 67/548/EEC	&
Directive 1999/45/EC	: Not Classified
Additional Information	: Not Available
Label Elements	
GHS label elements	: Not Applicable
Hazard pictogram(s)	: Not Applicable
Signal word(s)	: Not Applicable
Hazard statement(s)	: Not Applicable
Precautionary statement(s)	: Not Applicable
Other hazards	: Not known



SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical family

Common Chemical Name	CAS No.	EINECS No.	Colour Index	Chemical	Hazard
				Composition	classification
					According to
					directive
					67/548/EEC &
					Directive1999/
					45/EC,
					Regulation(EC)
					No.1272/2008(
					CLP
Flourphlogopite	12003-38-2	234-462-5		39-54	Not Classified
Titanium Dioxide	13463-67-7	236-675-5	77891	8-15	Not Classified
					_
Tin Oxide	18282-10-5	242-159-0	77861	0-2	Not Classified
Silica	7631-86-9	231-545-4	77891	26-36	Not Classified
Iron Oxide	1309-37-1	215-168-2	77491	1-10	Not Classified



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SECTION 4 - FIRST AID MEASURE

complaints

: Wash with water

: Rinse out with water

doctor if feeling unwell

: No special measures are required

: Treat according to symptoms

: Get some fresh air, consult doctor in the event of any

: Wash out with water, drink milk or egg white. Consult

Description of First Aid Measure

In case of Accident by:

Inhalation

Skin Contact

Eye Contact

Ingestion

Notes to Physician Other notes

Most important systems and effects

Acute	: None
Long term (repeated)	: May cause irritation to the respiratory system, Cough. Increased difficulty in breathing.
Indication of immediate medical attention and special treatment needed	

Recommended a: Chest X-ray

b: Lung functionality test

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SECTION 5 - FIREFIGHTING MEASURE

Extinguishing Media		
Suitable Extinguishing Media	: Extinguish with water spray, foam or dry chemical	
Unsuitable Extinguishing Media	: Carbon dioxide	
Specific Hazards	: None	
Special Protective Equipment	: None	
Special Risk	: Non-combustible. Ambient fire may liberate hazardous vapour.	
Special Hazards Arising from the Substance/Mixture		
Thermal Hazards	: Noncombustible. Non Anticipated	
Advice for Firefighters	: Firefighters should wear complete protective clothing including self-contained breathing apparatus	

SECTION 6 - ACCIDENTAL RELEASE MEASURE

Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions	: Avoid inhalation of dust
Personal protection equipment	: Wear appropriate personal protective equipment.
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
Methods and material for	
Containment and cleaning up	: Collect mechanically and dispose of according to section
	13. Use vacuum equipment for collecting split materials,
	where practicable
Reference to other sections	: see sections 8 and 1



SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling	: Avoid breathing dust
Conditions for safe storage	
including any incompatibilities	: Keep container in a well ventilated place
Specific end use(s)	: Not Known

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameter	: Provide adequate ventilation when using the material and
	follow the principles of good occupational hygiene to
	control personal exposures
Exposure limit values	: Not Known

Exposure controls

Appropriate engineering controls : Provide adequate ventilation to ensure that the occupational exposure limit is not exceeded. Isolate the dispersive process step away from other operations. This can be achieved by local exhaust ventilation or general ventilation

Individual protections measures, such as personal protective equipment (PPE)

Hand/eye/face protection	: wear gloves, 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

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SECTION 9 - PHYSICALAND CHEMICAL PROPERTIES

Form	: Powder
Color	: Pink-Green-Gold
Odour	: Odourless
Weak Acid and Weak Base	: No Data
Boiling Point, °C	: No Data
Melting Point, °C	: Decomposes
Freezing Point, °C	: No Data
Density	: No Data
Bulk Density	: No Data
Vapour Pressure	:No Data
Solubility (in water)	: Insoluble
Particle size	: 10-60 microns

SECTION 10 - STABILITY AND REACTIVITY

Reactivity	: There may be violent or incandescent reaction of the product with metals at high temperatures (e.g. Aluminum; 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	: None information available

SECTION 11 - TOXICOLOGICAL INFORMATION

Information on toxicological effects



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

Acute toxicity	: Not Available
Carcinogenicity	: Not Available
Routes of Exposure	: Not Available
Dermal	: Not Available
Eye	: Not Available
Respiratory	: Not Available

SECTION 12 - ECOLOGICAL INFORMATION

Toxicity	: No Data
Persistence and Degradability	: Insoluble in water. This product is predicted not ot degrade in soil and water
Bio accumulative Potential	: No Data
Mobility in Soil	: Not applicable
Results of PBT and	

vPvB assessment : Not Applicable Other adverse effects : Not known

SECTION 13 - DISPOSAL

Waste treatment methods: Dispose of contents in accordance with local, state or
national legislation

SECTION 14 - TRANSPORT INFORMATION

Not classed as dangerous for transport

International Transport	ADR/RID	ADN	AMDG	ICAO/IATA
Regulations				
UN Number	Not Applicable	Not Applicable	Not Applicable	Not Applicable



Proper Shipping Name	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Transport Hazard Class(es)	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Packing group	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Environmental Hazards	None	None	None	None
Special Precautions for Users	None	None	None	None
Transport in Bulk according to	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Annex II of MARPOL 73/78 and				
the IBC code				
Hazard Label(s)	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Additional Information	Custom tariff No. 32061900			

SECTION 15 - REGULATORY INFORMATION

According to Directive 67/548/EEC & Directive 1999/45/EC	: Not classified as dangerous for supply/use
Safety, Health and Environmental Regulations/Legislations specific	
for the Substance/Mixture	: Not Available
Labeling according to EC directives Symbol R-Phrases	

S-Phrases

: 22

SECTION 16 - OTHER INFORMATION

Annex to the extended Safety Data Sheet (eSDS)

- 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

DATA SOURCES

NPIRI Raw Material Handbook, Volume 4, Pigments, Second Edition, 2001 Book on "Safe Handling of Pigments", European Edition 1995, BCMA, EPSOM ETAD, VdMi HSDB

NIOSH ICSC

Hazardous Substance Fact Sheet, New Jersey Department of Health and Senior Service

We have described our product concerning possible safety requirements by the above mentioned information given to the best of our knowledge and experience. All data given are never meant to guarantee any quality description nor product properties.