

Material Safety Data Sheet

Kolortek Co., Ltd

No. 9 Haikou Road Huaian, Jiangsu, China Tel: 0086-517-83797527 Fax: 0086-517-83797529

According to ECR Regulation 1907/2006 (REACH), 1272/2008 (CLP) & 453/2010 Date of issue : 07.09.2011 –
Version : EU_EN/2 – Print date : February 2014

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product Identifier

Trade name

Relevant identified uses of the substance or mixture and uses advised against Uses advised against

Details of the supplier of the safety
data sheet

Manufacturer: Kolortek Co., Ltd.

Classification of the substance or mixture

According to Regulation (EC) No. 1272/2008 (CLP)

According to Directive 67/548/EEC & Directive 1999/45/EC

Additional information

Label elements

GHS label elements Hazard pictogram(s) Signal word(s)

Hazard statement(s) Precautionary statement(s) Other hazards

: White Satin Mica

: colouring agent : not known

: not classified

: not classified : not available

: not applicable : not applicable : not applicable : not applicable : not applicable

: not known

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2. HAZARD IDENTIFICATION

3.COMPOSITION/INFORMATION ON INGREDIENTS

Chemical family : mica - titanium oxide. Contains no hazardous ingredients

Commen chemical name	CAS No.	EINECS No.	Colour Index	Chemical composition	Hazard classification According to directive 67/548/EEC & Directive 1999/45/EC, Regulation (EC) No. 1272/2008(CLP)
Mica	12001-26-2	310-127-6	77019	61-65	Not classified
Titanium dioxide	13463-67-7	236-675-5	77891	31-39	Not classified

4. FIRST AID MEASURES

5. FIREFIGHTING MEASURES

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Description of first aid measures

Inhalation: in case of accident by inhalation Skin contact
Eye contact

Ingestion

Notes to physician

Most important systems and effects, Both acute and delayed

Actue

Long term (repeated)

: remove causality to fresh air and keep at rest
: wash affected skin with plenty of water
: if contact with eyes directly, flush with gently flowing fresh water

thoroughly; If eye irritation persists, get medical advice/attention : if ingested, wash out mouth with water,
drink milk or egg white
: no special measures are required

: none

: may cause irritation to the respiratory system. Cough. Increased

difficulty in breathing

Indication of immediate medical attention and special treatment needed

Recommended

Extinguishing media

Suitable extinguishing media Unsuitable extinguishing media

- :a. Chest XRay
- b. Lung functionality tests

: extinguish with waterspray, foam or dry chemical

: carbon dioxide

Special hazards arising from the substance or mixture

Thermal hazards : noncombustible. None anticipated

Advice for firefighters : fire fighters should wear complete protective clothing including self-

contained breathing apparatus

Personal precautions, protective equipment and emergency procedures

6. ACCIDENTAL RELEASE MEASURES

Personal precautions Personal protection equipment In case of emergency

Environmental precautions Methods and material for Containment and cleaning up

: do not breathe dust

: wear appropriate personal protective equipment, avoid direct contact

: a self contained breathing apparatus and suitable protective clothing should be worn in fire conditions

: do not allow to enter drains, sewers or watercourses

: collect mechanically and dispose of according to Section 13. Use vacuum equipment for collecting spilt materials, where practicable

Reference to other sections

: see sections 8 and 13

7. HANDLING AND STORAGE

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Precautions for safe handling Conditions for safe storage including any incompatibilities Specific end use(s) :
not known

Control parameters

Exposure limit values

Exposure controls

: avoid breathing dust

: keep container in a wellventilated place

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

: provide adequate ventilation when using the material and follow the principles of good occupational hygiene to control personal exposures

: not known

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)

:apron or other light protective clothing, boots and plastic or synthetic rubber gloves : dust mask covering nose and mouth

: none

Skin protection

Respiratory protection

Thermal hazards

Environmental exposure controls : avoid dust generation. Avoid accumulation of dust

9. PHYSICAL AND CHEMICAL PROPERTIES

Form

Colour

Odour

pH

Boiling point, ° C Melting point, ° C Freezing point, ° C Density

Bulk density Vapour pressure Solubility (in water) Particle size

Reactivity

: powder

: Luster Satin

: odourless

: 6.0-9.0 (4% H2O) : not applicable

: decomposes

: not applicable

: 3.0-3.1 kg/L

: 18-22g/100g
: not applicable

: insoluble : 5-25 µm

: there may be violent or incandescent reaction of the product with metals at high temperatures (e.g., aluminium; calcium; magnesium; potassium; sodium; zinc; lithium)

10. STABILITY AND REACTIVITY

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11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

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

Acute toxicity Carcinogenicity

Toxicity

Persistence and degradability

Bioaccumulative potential

Mobility in soil

Results of PBT and vPvB assessment : : not applicable Other adverse effects : : not known

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

Not classed as dangerous for transport.

: not available : not available

12. ECOLOGICAL INFORMATION

: no data

: insoluble in water. This product is predicted not to degrade in soil and water

: no data

: not applicable

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Chemical stability

Possibility of hazardous reactions Conditions to avoid

Incompatible materials Decomposition products

: stable under normal conditions : none

: high temperature

: strongly acidic, strongly alkaline, oxidizing agents : no information available

13. DISPOSAL CONSIDERATIONS

14. TRANSPORT INFORMATION

International Transport Regulations	ADR/RID	ADN	IMDG	ICAO/IATA
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 user	None	None	None	None
Transport in bulk according to Annex II of MARPOL73/78 and The IBC Code	Not applicable	Not applicable	Not applicable	Not applicable
Hazard label(s)	Not applicable			
Additional information	Custom tariff No. 32061900			

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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 or mixture :not available

Annex to the extended Safety Data Sheet (eSDS)

15. REGULATORY INFORMATION

16. OTHER INFORMATION

ADR

CAS

EC

ICAO

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 abovementioned information given to the best of our knowledge and experience. All data given are never meant to guarantee any quality description nor product properties

