

SAFETY DATA SHEET
ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 453/2010

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

Product identifier:

Trade Name: **SAPPHIRE MICA**

MSDS number: PRES4

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

Application: Pigment

Details of the supplier of the safety data sheet

Supplier:

TKB TRADING, LLC

1101 9th Avenue

Oakland, CA 94606

Tel: 510-922-9027

www.tkbtrading.com

2 HAZARDS IDENTIFICATION

Hazard classification: Not applicable.

Information pertaining to special dangers for human and environment: Not applicable

EU Classification: Not classified

3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization (substance): Mixtures

Description: mica (coloured)

mica + titanium dioxide + tin oxide + ferric ferrocyanide + iron oxide

(Contd. on page 2)

4 FIRST AID MEASURES

Description of first aid measures

General information:

IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF ON SKIN: Gently wash with plenty of soap and water.

IF IN EYES: If contact with eyes directly, flush with gently flowing fresh water thoroughly.

IF SWALLOWED: Rinse mouth.

5 FIRE-FIGHTING MEASURES

Extinguishing media

In case of fire in the surroundings: all extinguishing agents allowed.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Use personal protective equipment as required.

Environmental precautions: No special measures are required.

Methods and materials for containment and cleaning up: Collect mechanically and dispose of according to Section 13..

7 HANDLING AND STORAGE

Handling: Avoid dust generation. Avoid accumulation of dust.

Conditions for safe storage, including any incompatibilities:

Keep container tightly closed, in a cool, well ventilated place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional Information: (Ref Other Information Section for further details) see item 7.

Control parameters

Exposure limit values

12001-26-2 Mica

WEL

Long term value: 10* 0.8** mg/m³
*total inhalable **respirable

General: General hygiene measures for the handling of chemicals are applicable.

Personal protection equipment

Respiratory protection: A suitable mask with filter type P may be appropriate. Filter P2

Hand protection: Leather or thick textile gloves.

Eye Protection: Wear protective eyewear (goggles, face shield, or safety glasses).

Body protection: Wear suitable protective clothing.

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9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance:

Form: Powder.

Colour: According to product specification

Odour: Odourless.

Melting Point (°C): > 1800°C

Boiling Point (°C): Not determined

Flash Point (°C): Not applicable

Flammability: Non-flammable

Danger of explosion through impact: Not explosive

Bulk Density: 150 500 kg/m³

Solubility (Water): Insoluble.

10 STABILITY AND REACTIVITY

Reactivity

Chemical stability

Conditions to avoid: No decomposition if used and stored according to specifications.

Possibility of hazardous reactions: None anticipated.

Hazardous Decomposition Product(s): None known.

11 TOXICOLOGICAL INFORMATION

Toxicity

Acute toxicity

Skin: Not persistent.

Eye: Not persistent.

respiratory or skin sensitization: None

12 ECOLOGICAL INFORMATION

Aquatic toxicity: No information available.

General information: Generally not hazardous for water

Results of PBT and vPvB assessment

Results of PBT and vPvB assessment: Not classified as PBT or vPvB.

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13 DISPOSAL CONSIDERATIONS

Waste treatment methods

Dispose of contents in accordance with local, state or national legislation.

14 TRANSPORT INFORMATION

Land transport ADR/RID

ADR/RID Class: -

IMDG: International Maritime Dangerous Goods:

IMDG Class:

Marine Pollutant: NOT CLASSED AS DANGEROUS FOR TRANSPORT.

Air transport IATA: International Air Transport Association, ICAO-TI Class :

ICAO-TI Class: -

Additional Information: Not classified as dangerous for transport.

15 REGULATORY INFORMATION

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

Classification And Labelling according to ec-regulations 1907/2006 (reach), 1272/2008 (CLP) &

453/2010:Not classified

16 OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any Specific product features and shall not establish a legally valid contractual relationship

** Data compared to the previous version altered.*