

Safety Data Sheet

According To Regulation (EC) No 1907/2006 (REACH)

MICA

Version: 1.0
Form No: SDS/004

Print Date : 13.03.2011
Revision Date : 13.03.2011

1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

Substance Name	MICA
CAS¹ No	12001-26-2
EINECS² No	310-127-6
EINECS Name	MICA
Molecular Formula	Al6H4K2O24Si6
Synonyms	"mica powder", "amber mica", muscovite, "wet ground micronised mica", "GE Material D4E12", suzorite, sericite, phlogopite, vermiculite, lepidolite, "white mica", "lithia mica", "mica silicate", biotite, fluormica, dimonite, Micatex

1.2 Relevant Identified Uses Of The Product And Uses Advised Against

Relevant Identified Uses	Electrical equipment, vacuum tubes, incandescent lamps, dusting agent, lubricant, windows in high-temperature equipment, filler in exterior paints, cosmetics, glass and ceramic flux, roofing, rubber, mold-release agent, specialty paper for insulation and filtration, wallpaper and wallboard joint cement, oil-well drilling muds. Welding flux ingredient.
Uses Advised Against	No data available

1.3 Details Of The Supplier Of The Safety Data Sheet

Supplier (Manufacturer)	KALTUN MADENCILIK SAN. VE TIC. A.S.
Address	Aydin - Mugla Kara Yolu Kenari Cine AYDIN TURKEY
Telephone	+ 90 256 729 16 00
Fax	+ 90 256 729 16 15
Company E-mail	kaltun@kaltun.com.tr
Company Web Page	www.kaltun.com.tr

1.4 Information Providing Authority About Safety Data Sheet

Sabriye GÜNGÖR – Quality Assurance Manager

1.5 Emergency Telephone Number

Company Emergency	+ 90 256 729 16 00
--------------------------	--------------------

2. HAZARDS IDENTIFICATION

2.1 Classification Of The Substance

2.1.1 Classification According to Regulation (EC) No 1272/2008

- According to CLP no hazard category has been assigned

2.2 Label Elements

2.2.1 CLP³ Label Elements

No symbol.	
Signal Word	Not applicable
Hazard Statement(s)	Not applicable
Supplementary Statement(s)	No Data Available

Safety Data Sheet

According To Regulation (EC) No 1907/2006 (REACH)

MICA

Version: 1.0
Form No: SDS/004

Print Date : 13.03.2011
Revision Date : 13.03.2011

Precautionary Statement(s)	Prevention
	No Data Available
	Response
	No data available

2.3 Hazard Identification

Crystalline silica is listed by IARC⁴ as "possible carcinogen"

Prolonged exposure to dust containing respirable quartz may cause silicosis or pneumoconiosis

2.3.1 Skin Contact

May cause mild skin irritation. Symptoms include: itching and redness after contact.

2.3.2 Eye Contact

May cause eye irritation. Symptoms include: itching and redness after contact.

2.3.3 Ingestion

Not an intended route of exposure. May be hazardous in case of ingestion. Symptoms include gastrointestinal tract upset and diarrhea.

2.3.4 Inhalation

May cause respiratory tract irritation. Symptoms include: coughing, wheezing or shortness of breath when inhaled.

2.3.5 Long term effects

Additional information See Toxicological information (section 11)

Medical Conditions Overexposure: Aggravated by Repeated or prolonged inhalation of any dust particulate may aggravate respiratory medical conditions.

2.3.6 Adverse Environmental Effects

Presents no particular risk to the environment, provided the disposal requirements (see section 13) and national or local regulations are complied with

2.3.7 Physical and chemical hazards :

No particular fire or explosion hazard

2.4 Additional Information

Caution - substance not yet tested completely

Full text of R-, H- and EUH-phrases: see section 16

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Description Of The Substance

MICA (SiO₂)

3.2 Hazardous ingredients

NAME	EINECS NO	CAS NO.	CONTENT	CLASSIFICATION
				CLP
MICA	310-127-6	12001-26-2	100	no hazard category

3.3 Additional information

· Full text of R-, H- and EUH-phrases: see section 16.

Safety Data Sheet

According To Regulation (EC) No 1907/2006 (REACH)

MICA

Version: 1.0
Form No: SDS/004

Print Date : 13.03.2011
Revision Date : 13.03.2011

4. FIRST AID MEASURES

4.1 Description of first aid measures

4.1.1 General information

- Show this safety data sheet to the doctor in attendance.

4.1.2 Following inhalation

- If inhaled, remove to fresh air.
- If breathing is difficult, give oxygen.
- If not breathing, give artificial respiration.
- If symptoms persist, seek medical attention.



4.1.3 Following skin contact

- In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
- Wash contaminated clothing before reusing.
- Thoroughly clean shoes before reuse.
- If symptoms develop, seek medical attention..



4.1.4 Following eye contact

- Check for and remove any contact lenses.
- In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If symptoms persist, seek medical attention.



4.1.5 Following ingestion

- Do not ingest.
- If this material is swallowed, call a physician immediately.
- Do NOT induce vomiting unless directed to do so by medical personnel.
- Never give anything by mouth to an unconscious person.



4.1.6 Self-protection of the first aider

- Protect skin and eyes.

4.1.7 Notes for the doctor

- Treat symptomatically.

4.2 Indication of any immediate medical attention and special treatment needed

- Keep the injured under health care for bronchitis, trachea and lung edemas.
- Aggravating harmful effects can take place

5. FIRE-FIGHTING MEASURES

5.1 General Information and Flammable Properties

- Noncombustible.
- Alert Fire Brigade and tell them location and nature of hazard.
- Wear breathing apparatus plus protective gloves for fire only.
- Prevent, by any means available, spillage from entering drains or water courses.
- Use firefighting procedures suitable for surrounding area.

5.2 Extinguishing media:

- In case of fire, use water spray (fog), foam, dry chemical, or CO2

Safety Data Sheet

According To Regulation (EC) No 1907/2006 (REACH)

MICA

Version: 1.0
Form No: SDS/004

Print Date : 13.03.2011
Revision Date : 13.03.2011

5.3 Special hazards arising from the product

Decomposition may produce toxic fumes of:

- Silicon dioxide (SiO₂)
- Metal oxides
- May emit poisonous fumes.
- May emit corrosive fumes.
- At temperatures above 870 C. it changes crystal structure to more health hazardous forms.

5.4 Advice for fire-fighters

- Wear self-contained breathing apparatus and full protective clothing.

5.5 Additional information

- If involved in a fire, keep containers cool with water spray.
- If safe to do so, remove containers from path of fire. Consider evacuation.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

- Breathing apparatus.
- Clear area of all unprotected personnel.
- See Section 8

6.2 Environmental precautions

- If contamination of sewers or waterways has occurred advise emergency services or local regulatory body.
- Spillages or uncontrolled discharges into watercourses must be alerted to the Environmental Agency or other appropriate regulatory body.
- See section 12

6.3 Methods and material for containment and cleaning up

6.3.1 For containment

Small Spill and Leak

- Use a tool to scoop up solid or absorbed material and place into appropriate labeled waste container.
- Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional regulatory requirements.

Large Spill and Leak

- Use appropriate tools to put the spill material into a labeled waste disposal container.
- Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional regulatory requirements.
- Check TLV in section 8 of MSDS and with local authorities.

6.3.2 For cleaning up

- Clean mechanically.

Safety Data Sheet

According To Regulation (EC) No 1907/2006 (REACH)

MICA

Version: 1.0
Form No: SDS/004

Print Date : 13.03.2011
Revision Date : 13.03.2011

6.3.3 Other information

- Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

- See Section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

7.1.1 Protective measures

Personal preventions

- Avoid all personal contact, including inhalation.
 - Avoid generating dust.
 - Avoid breathing dust.
 - Use only with adequate ventilation.
 - Avoid prolonged or repeated contact with skin.
 - Avoid contact with eyes.
 - Keep container closed.
 - Wash thoroughly after handling.

Fire preventions

- See section 5

Dust generation preventions:

- Check the amounts in atmosphere where the people work in accordance with the professional exposure limits.

Environmental precautions:

- Ensure adequate ventilation.

7.1.2 Advice on general occupational hygiene

- Do not to eat, drink and smoke in work areas;
- Wash hands after use;
- Remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities

Suitable container:

Multi-ply paper bag with sealed plastic liner or heavy gauge plastic bag.

NOTE: Bags should be stacked, blocked, interlocked, and limited in height so that they are stable and secure against sliding or collapse.

Storage incompatibility:

- Metals and their oxides or salts may react violently with chlorine trifluoride and bromine trifluoride.
- These trifluorides are hypergolic oxidizers. They ignite on contact (without external source of heat or ignition) with recognized fuels - contact with these materials, following an ambient or slightly elevated temperature, is often

Safety Data Sheet

According To Regulation (EC) No 1907/2006 (REACH)

MICA

Version: 1.0
Form No: SDS/004

Print Date : 13.03.2011
Revision Date : 13.03.2011

violent and may produce ignition.

- The state of subdivision may affect the results.

Package Material Incompatibilities:

No data available

7.3 Specific end uses

- See section 1.2

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

The concentration of dust, for application of respirable dust limits, is to be determined from the fraction that penetrates a separator whose size collection efficiency is described by a cumulative log-normal function with a median aerodynamic diameter of $4.0 \mu\text{m}$ (+-) $0.3 \mu\text{m}$ and with a geometric standard deviation of $1.5 \mu\text{m}$ (+-) $0.1 \mu\text{m}$, i.e. Generally less than $5 \mu\text{m}$.

8.1.1 Occupational exposure limits

Silica crystalline - MICA: - CAS# 14808-60-7 – EINECS 238-878-4

- United Kingdom, WEL - TWA: (listed as silica, crystalline (general form)): $0.8 \text{ mg/m}^3 \text{ TWA}^5$ (respirable)

According to current knowledge this concentration should neither impair the health of, nor cause undue discomfort to, nearly all workers. These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

8.2 Exposure controls

8.2.1 Appropriate engineering controls:

- Local exhaust ventilation is required where solids are handled as powders or crystals; even when particulates are relatively large, a certain proportion will be powdered by mutual friction.
- If in spite of local exhaust an adverse concentration of the substance in air could occur, respiratory protection should be considered.
- Such protection might consist of:
 - (a): particle dust respirators, if necessary, combined with an absorption cartridge;
 - (b): filter respirators with absorption cartridge or canister of the right type;
 - (c): fresh-air hoods or masks.
- Air contaminants generated in the workplace possess varying "escape" velocities which, in turn, determine the "capture velocities" of fresh circulating air required to effectively remove the contaminant.

8.2.2 Personal protection equipment

8.2.2.1 Eye / Face protection:

- Safety glasses with side shields.
- Chemical goggles.
- Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lens or restrictions on use, should be created for each workplace or task. This should include a review of lens absorption and adsorption for the class of chemicals in use and an account of injury experience. Medical and first-aid personnel should be trained in their removal and suitable

Safety Data Sheet

According To Regulation (EC) No 1907/2006 (REACH)

MICA

Version: 1.0
Form No: SDS/004

Print Date : 13.03.2011
Revision Date : 13.03.2011

equipment should be readily available. In the event of chemical exposure, begin eye irrigation immediately and remove contact lens as soon as practicable. Lens should be removed at the first signs of eye redness or irritation - lens should be removed in a clean environment only after workers have washed hands thoroughly. [CDC⁶ NIOSH⁷ Current Intelligence Bulletin 59]

8.2.2.2 Skin protection

Hand protection

Suitability and durability of glove type is dependent on usage. Important factors in the selection of gloves include: such as:

- frequency and duration of contact,
- chemical resistance of glove material,
- glove thickness and
- dexterity



Experience indicates that the following polymers are suitable as glove materials for protection against undissolved, dry solids, where abrasive particles are not present.

- polychloroprene
- nitrile rubber
- butyl rubber
- fluorocarbon
- polyvinyl chloride

Gloves should be examined for wear and/ or degradation constantly.

Body protection

- Overalls.
- P.V.C. apron.



Other protection

- Use Barrier cream.
- Use Skin cleansing cream.
- Use Eye wash unit.

8.2.2.3 Respiratory protection

- Not applicable

8.2.3 Environmental exposure controls

- Legislation for the protection of the environment must be met in full.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Important health, safety and environmental information

9.2 Appearance

Form/Physical state	Solid
Color	Colorless, white to off white fine crystals.
Odor	No odor

9.3 Safety relevant basic data

	Value
pH (1% Solution) (25 °C)	No data available

Safety Data Sheet

According To Regulation (EC) No 1907/2006 (REACH)

MICA

Version: 1.0
Form No: SDS/004

Print Date : 13.03.2011
Revision Date : 13.03.2011

Boiling point/range (°C)101,3 kPa	No data available
Meting Range (°C)	>1000
Flash Point (°C)closed cup	Not applicable
Lower Explosion Limit (as volume and in air)	Not applicable
Upper Explosion Limit (as volume and in air)	Not applicable
Ignition temperature (°C)	Not applicable
Vapour pressure	No data available
Molecular Weight	No data available
Solubility in water	None Soluble
Specific Gravity (Water=1)	2,63-2,70
Oxidation Property	No data available

Note : The above features was determined according to prescribed methods at the Classification, Packaging and Labeling of Hazardous Substances Regulation Section A-3 or a method comparable to the other.

10. STABILITY AND REACTIVITY

10.1 Reactivity : See section 7.2

10.2 Chemical stability

- Stable at ambient temperature and under normal conditions of use
- Presence of incompatible materials.
- Product is considered stable.
- Hazardous polymerisation will not occur.

10.3 Possibility of hazardous reactions

- See section 7.2

10.4 Conditions to avoid:

- Dust generation.
- See Section 7.2

10.5 Incompatible materials:

- See section 7.2

10.6 Hazardous decomposition products:

- See Section 5.3

10.7 Hazardous polymerization:

- Has not been reported.

11. TOXICOLOGICAL INFORMATION

11.1 General Information

- No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label.

11.2 Acute toxicity

- LD 50 oral (Rat) : > 15000 mg/kg

11.3 Skin corrosion/irritation and Eye damage/irritation:

- Nil Reported

11.4 CMR effects (Carcinogenity) :

Carcinogenicity for MICA : No data available

Safety Data Sheet

According To Regulation (EC) No 1907/2006 (REACH)

MICA

Version: 1.0
Form No: SDS/004

Print Date : 13.03.2011
Revision Date : 13.03.2011

Crystalline silica is listed by IARC as "possible carcinogen"

11.5 CMR⁸ effects (Mutagenicity and Toxicity for reproduction) :

- Not reported as mutagenic or toxic for reproduction

11.6 Other Toxicological Effects:

Allergic Effects	Not known
Effects on Repeated Doses	Limited evidence suggests that repeated or long-term occupational exposure may produce cumulative health effects involving organs or biochemical systems. Long term exposure to high dust concentrations may cause changes in lung function (i.e. pneumoconiosis) caused by particles less than 0.5 micron penetrating and remaining in the lung. Overexposure to respirable dust may cause coughing, wheezing, difficulty in breathing and impaired lung function.
Sensitization	None.
Developmental Toxicity (Teratogenicity)	None
Fertility	None
Aspiration hazard	None

11.7 STOT⁹-single/repeated exposures:

STOT-single exposure	None
STOT-repeated exposure	No data available

11.8 Symptoms related to the physical, chemical and toxicological characteristics:

In case of inhalation	The material is not thought to produce respiratory irritation (as classified by EC Directives using animal models). Nevertheless inhalation of dusts, or fumes, especially for prolonged periods, may produce respiratory discomfort and occasionally, distress.
In case of skin contact	The material is not thought to produce adverse health effects or skin irritation following contact (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable gloves be used in an occupational setting.
In case of eye contact	Repeated or prolonged eye contact with dusts may cause inflammation characterised by temporary redness (similar to windburn) of the conjunctiva (conjunctivitis); temporary impairment of vision and/or other transient eye damage/ulceration may occur.
In case of ingestion	Although ingestion is not thought to produce harmful effects (as classified under EC Directives), the material may still be damaging to the health of the individual, following ingestion, especially where pre-existing organ (e.g liver, kidney) damage is evident.

11.9 Additional Toxicological Information:

- Toxicological classifications are based on available knowledge and information
- EEC classification: None.
- RTECS¹⁰ [MICA Cas # 14808-60-7] : **8760000**
- MICA: No significant acute toxicological data identified in literature search.
- The special effects to health are considered by taking into account the information in section 3.

Safety Data Sheet

According To Regulation (EC) No 1907/2006 (REACH)

MICA

Version: 1.0
Form No: SDS/004

Print Date : 13.03.2011
Revision Date : 13.03.2011

12. ECOLOGICAL INFORMATION

12.1 Eco toxicity:

- MICA: No significant acute ecotoxicological data identified in literature search

12.2 Photo degradation

No data available

12.3 Effects on Waste Water Treatment Plants

Product has inhibitory effects on the activities of micro-organisms, whether the information is not related, the likely impact on waste water treatment plants is unknown.

12.4 Mobility

- No data available.

Water threat class	No data available
--------------------	-------------------

Clean Water Impact	No data available
--------------------	-------------------

Known or predicted environmental distribution	No data available.
---	--------------------

12.5 Results of PBT¹¹ and vPvB¹² assessment

· Persistence and degradability:

Decomposition Potential of the products	No data available
---	-------------------

The half-life of degradation	No data available
------------------------------	-------------------

Potential degradation of product content in the evaluation of wastewater treatment plants	No data available
---	-------------------

· Bioaccumulation Potential :

Biological environment (biota) accumulation potential	No data available
---	-------------------

Potential - nutrients pass through	No data available
------------------------------------	-------------------

Reference Values - Log K _{ow} , S _w and BCF ¹³	No data available
---	-------------------

12.6 Additional information

- MICA: Metal-containing inorganic substances generally have negligible vapour pressure and are not expected to partition to air. Once released to surface waters and moist soils their fate depends on solubility and dissociation in water.
- DO NOT discharge into sewer or waterways. Do not allow to be released into the environment
- See the sections 6, 7, 13, 14 and 15.

13. DISPOSAL CONSIDERATIONS

13.1 Product / Packaging disposal

Legislation addressing waste disposal requirements may differ by country, state and/ or territory. Each user must refer to laws operating in their area. In some areas, certain wastes must be tracked.

A Hierarchy of Controls seems to be common - the user should investigate:

- Reduction
- Reuse
- Recycling
- Disposal (if all else fails)

Safety Data Sheet

According To Regulation (EC) No 1907/2006 (REACH)

MICA

Version: 1.0
Form No: SDS/004

Print Date : 13.03.2011
Revision Date : 13.03.2011

This material may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use. Shelf life considerations should also be applied in making decisions of this type. Note that properties of a material may change in use, and recycling or reuse may not always be appropriate.

- *DO NOT allow wash water from cleaning or process equipment to enter drains.*
- *It may be necessary to collect all wash water for treatment before disposal.*
- *In all cases disposal to sewer may be subject to local laws and regulations and these should be considered first.*
- *Where in doubt contact the responsible authority.*
- *Recycle wherever possible or consult manufacturer for recycling options.*
- *Consult State Land Waste Management Authority for disposal.*
- *Bury residue in an authorized landfill.*
- *Recycle containers if possible, or dispose of in an authorized landfill.*

13.2 Contaminated packaging

- *Recycle following cleaning or dispose of at an authorized site.*

13.3 Disposal Methods

- *Dispose of chemicals waste or in accordance with local regulations.*
- *Follow all applicable local laws, rules and regulations regarding the proper disposal of this material.*
- *If this product has been altered or contaminated with other hazardous materials, appropriate waste analysis may be necessary to determine proper method for disposal.*
- *A qualified environmental professional should determine waste characterization, disposal and treatment methods for this material in accordance with applicable local regulations and requirements.*

13.4 European Waste Catalogue

- *According to the alignment of the European Waste Catalogue, waste codes are not dependent on the type of product depends on the method of application.*

14. TRANSPORT INFORMATION

	ADR ¹⁴ /RID ¹⁵	ADNR ¹⁶	IMDG ¹⁷	ICAO ¹⁸ /IATA ¹⁹
TRANSPORTATION	Road	River	Marine	Airways
PROPER SHIPPING NAME	This product is not regulated as a hazardous material.			
UN/ID No.	-	-	-	-
CLASS	Not restricted			
PACKAGING GROUP				
LABELLING NO	-			
CLASSIFICATION CODE	-	-	-	-
HAZARD NO (HIN NO)	-			
EmS			-	
MARINE Pollutant			-	

Road Transport Notes: This product is not regulated as a hazardous material. The above regulatory prescriptions are those valid on the date of publication of this sheet. Given the possible evolution of transport regulations for hazardous materials, in case the present sheet is dating back to more than 12 months ago, it would be advisable to check their validity with your commercial agency

Safety Data Sheet

According To Regulation (EC) No 1907/2006 (REACH)

MICA

Version: 1.0
Form No: SDS/004

Print Date : 13.03.2011
Revision Date : 13.03.2011

15. REGULATORY INFORMATION

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

mica (CAS: 12001-26-2,129899-84-9,61076-94-6) is found on the following regulatory lists;

"EU Directive 2002/72/EC Plastic materials and articles intended to come into contact with foodstuffs - Annex III Section A Incomplete list of additives fully harmonized at Community level", "European Union (EU) Inventory of Ingredients used in Cosmetic Products", "UK Workplace Exposure Limits (WELs)"

This safety data sheet is in compliance with the following EU legislation and its adaptations – as far as applicable - : 67/548/EEC, 1999/45/EC, 76/769/EEC, 98/24/EC, 92/85/EEC, 94/33/EC, 91/689/EEC, 1999/13/EC, as well as the following British legislation:

- *The Control of Substances Hazardous to Health Regulations (COSHH) 2002*
- *COSHH Essentials*

The Management of Health and Safety at Work Regulations 1999

15.2 Chemical safety assessment

No data available

CLP Annex VI

- *According to CLP no hazard category has been assigned*

RISK

- *None under normal operating conditions.*

16. OTHER INFORMATION

16.1 Other information

- *For additional information regarding **KALTUN MADENCILIK SAN. VE TIC. A.S.** Products please contact the **KALTUN MADENCILIK SAN. VE TIC. A.S.** Technical Services Department (+ 90 256 729 16 00) The above information complies with the 199/45/EC and 1907/2006 Directives and their amendments. In all cases of potential poisoning supportive therapy is of the utmost importance.*
- *If medical professionals require advice regarding first aid treatment, all **KALTUN MADENCILIK SAN. VE TIC. A.S.** products are registered with the Turkish National Poisons Unit (UZEM), UZEM local telephone no : 114*

16.2 Related Person

- *Mrs. Sabriye GUNGOR - **KALTUN MADENCILIK SAN. VE TIC. A.S.***
- *Prepared by :Doruk Chemical Management Systems Co Ltd. www.msdsmarket.com*
- *Competent Person Accreditation no: TSE GBF-0348 25/5/2009-TR*
- *info@msdsmarket.com (contact for further information if needed)*

16.3 Revision Date, Version and SDS no

- *Date : March 13th , 2011*
- *Version : 1.0/EN*
- *MSDS No : SDS/004*

16.4 Reason of re-issue

- *First issue*

16.5 Relevant R-, H- and EUH-phrases (number and full text): None

Safety Data Sheet

According To Regulation (EC) No 1907/2006 (REACH)

MICA

Version: 1.0
Form No: SDS/004

Print Date : 13.03.2011
Revision Date : 13.03.2011

16.6 Legal disclaimer

- *The purpose of the above information is to describe the products only in terms of health and safety requirements.*
 - *The information given should not, therefore, be construed as guaranteeing specific properties or as specification.*
 - *Customers should satisfy themselves as to the suitability and completeness of such information for their own particular use.*
 - *The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication.*
- The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification.*
- *The above information relates only to the specific material(s) designated herein and may not be valid for such material(s) used in combination with any other materials or in any process or if the material is altered or processed, unless specified in the text.*

¹ CAS : Chemical Abstract Service

² EINECS : European Inventory of Existing Chemical Substances

³ CLP: Classification, Labelling & Packaging (EU regulation)

⁴ IARC (International Agency for Research on (Cancer)

⁵ TWA: Total Weighted Average (permissible exposure limit; Occupational Safety and Health Administration)

⁶ CDC: Centers for Disease Control and Prevention (US government)

⁷ NIOSH National Institute for Occupational Safety and Health (US CDC)

⁸ CMR: Carcinogenic, Mutagenic or Toxic to Reproduction (chemical safety classification)

⁹ STOT: Specific Target Organ Toxicity

¹⁰ RTECS : Registry of Toxic Effects of Chemical Substances

¹¹ PBT: Persistent Bioaccumulative Toxic

¹² VPVB: Very Persistent, Very Bioaccumulative

¹³ BCF: Bioconcentration Factor

¹⁴ ADR: Accord Dangereux Routier (European regulations concerning the international transport of dangerous goods by road)

¹⁵ RID: Regulations Concerning the International Transport of Dangerous Goods by Rail (European law)

¹⁶ ADNR: Regulation for the Carriage of Dangerous Substances on the Rhine (EU)

¹⁷ IMDG: International Maritime Dangerous Goods (United Nations)

¹⁸ ICAO: International Civil Aviation Organization

¹⁹ IATA: International Air Transport Association