

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date: 27.05.2016

Version: 1.01

Revision: 27.05.2016

SECTION 1: Identification of the substance/mixture and of the company/undertaking

· **1.1 Product identifier**

- Trade name: **Isopowder® IP 1501 A**
- Isopowder® IP 1502 B/T**
- Isopowder® IP 1503 M/S/V**
- Isopowder® IP 1504 EP/PU**

· **1.2 Relevant identified uses of the substance or mixture and uses advised against: -**

· **Application of the substance / the preparation:**

Mixture of additives as aggregate for coatings or floorings to build up composite decking systems for floors, walls and facades

· **Uses advised against -**

· **1.3 Details of the supplier of the safety data sheet**

· **Supplier/Manufacturer:**

SYNFOLA GmbH
Seestrasse 24 C
CH-8806 Bäch SZ

Telefon: (0041) (0)55 283 36 90

Fax: (0041) (0)55 283 36 91

· **Email competent person:** sds@kft.de

· **Information department:** See supplier/manufacturer

· **1.4 Emergency telephone number:**

National Poison Information Service (NPIS)

24 hour national number professionals only
0844 892 0111

National Health Service (NHS)

24 hour national number consumer

England and Scotland: 111

Wales: 0845 46 47

Northern Ireland: call your local General Practitioner

Call 999 if there is a life-threatening incident.

SECTION 2: Hazards identification

· **2.1 Classification of the substance or mixture**

- **Classification according to Regulation (EC) No 1272/2008** The product is not classified according to the CLP regulation.

· **2.2 Label elements**

- **Labelling according to Regulation (EC) No 1272/2008** Void

· **Hazard pictograms** Void

· **Signal word** Void

· **Hazard statements** Void

· **2.3 Other hazards**

· **Results of PBT and vPvB assessment**

- **PBT:** Not applicable
- **vPvB:** Not applicable

SECTION 3: Composition/information on ingredients

· **3.2 Chemical characterisation: Mixtures**

- **Description:** Mixture based on:

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· **Dangerous components:**

12001-26-2 Mica-group minerals
 substance with a Community workplace exposure limit

60-90%

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:** If symptoms persist or in case of doubt, seek medical advice.
- **After inhalation:** Supply fresh air; consult a doctor in case of pain.
- **After skin contact:** Wash with water and soap.
- **After eye contact:**
 Rinse opened eye for several minutes under running water. Then consult a doctor.
 If symptoms persist, consult a doctor.
- **After swallowing:**
 Rinse mouth with water.
 If symptoms persist, consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed** Symptomatic treatment

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
 The product is not combustible and does not support any combustion.
 Use fire fighting measures suiting the environment.
- **For safety reasons unsuitable extinguishing agents:** None
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** Wear self-contained respiratory protective device.
- **Additional information:** Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
 Ensure adequate ventilation.
 Avoid formation of dust.
 Wear protective clothing.
 Keep unprotected persons away.
- **6.2 Environmental precautions:**
 Do not allow product to reach sewage system or any water course.
 Do not allow to penetrate the ground/soil.
- **6.3 Methods and material for containment and cleaning up:**
 Pick up mechanically.
 Avoid any dust formation. Pick up with a tested and approved industrial vacuum cleaner if necessary.
 Make sure to recycle or dispose of in suitable receptacles.
- **6.4 Reference to other sections**
 See Section 7 for information on safe handling
 See Section 8 for information on personal protection equipment.

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See Section 13 for disposal information.

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling

- Ensure good ventilation/exhaustion at the workplace.
- Keep receptacles tightly sealed.
- Prevent formation of dust.
- Any deposit of dust which cannot be avoided must be regularly removed.
- Avoid inhalation of dust.

· **Information about protection against explosions and fires:** Observe the general rules of industrial fire protection.

· 7.2 Conditions for safe storage, including any incompatibilities

· Storage:

· Requirements to be met by storerooms and receptacles:

- Store cool and dry.
- Store only in the original receptacle.

· Information about storage in one common storage facility:

- Store away from foodstuffs.
- Store away from feed.

· **Further information about storage conditions:** Protect from humidity and water.

· **Storage class:** 11 Combustible solids

· **7.3 Specific end use(s)** No further relevant information available

SECTION 8: Exposure controls/personal protection

· **Additional information about design of technical systems:** No further data; see section 7.

· 8.1 Control parameters

· Components with limit values that require monitoring at the workplace:

12001-26-2 Mica-group minerals

WEL (Great Britain) Long-term value: 10* 0.8** mg/m³
 *total inhalable **respirable

· CAS No. Designation of material % Type Value Unit

· Additional Occupational Exposure Limit Values for possible hazards during processing:

Observe general threshold limit for dust.

· **Additional information:** The lists that were valid during the creation were used as basis.

· 8.2 Exposure controls

· Personal protective equipment:

· General protective and hygienic measures:

- The usual precautionary measures should be adhered to when handling chemicals.
- Do not eat or drink while working.
- Wash hands before breaks and at the end of work.
- Do not inhale dust/smoke/mist.
- Vacuum contaminated clothing. Do not blow or brush off contamination.
- Use skin protection cream for skin protection.

· Breathing equipment:

- Not necessary if room is well-ventilated
- At formation of dust:
- In case of unintended release:
- Short term filter device:
- Filter P1

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Breathing equipment is only to be used in order to handle the residual risk of short term jobs if all other risk minimizing measures have been carried out e.g. retention and/or local exhaust.

· **Protection of hands:**

At longer contact: protective gloves

After use of gloves apply skin-cleaning agents and skin cosmetics.

The glove material has to be impermeable and resistant to the product/substance/preparation.

Selection of the glove material in consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves:**

For undissolved solid substances following materials may be suitable:

nitrile rubber (NBR), butyl rubber (BR), fluorocarbon rubber (FKM) and polychloroprene rubber (CR)

The selection of suitable gloves depends upon the material, and also upon the quality of the gloves. The degree of protection will vary from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material:**

The exact penetration time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:** At formation of dust or insufficient ventilation: Tightly sealed goggles

· **Body protection:** Protective work clothing

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

· **General Information:**

· **Appearance:**

Form: Powder

Colour: Whitish

Greyish

· **Odour:** Nearly odourless

· **Odour threshold:** Not applicable

· **pH-value:** Not applicable

· **Change in condition:**

Melting point/Melting range: Not determined

Boiling point/Boiling range: Not determined

· **Flash point:** Not applicable

· **Flammability (solid, gaseous):** Not determined

· **Ignition temperature:**

Decomposition temperature: Not determined

· **Self ignition temperature:** Product is not self-igniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Explosion limits:**

Lower: Not applicable

Upper: Not applicable

Decomposition

· **Vapour pressure:** Not applicable

· **Density:** Not determined

· **Relative density:** Not determined

· **Vapour density:** Not applicable

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· Evaporation rate:	Not applicable
· Solubility in / Miscibility with Water:	Insoluble
· Viscosity:	
dynamic:	Not applicable
kinematic:	Not applicable
· 9.2 Other information	No further relevant information available

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
To avoid thermal decomposition do not overheat.
Stable up to melting point
No decomposition if used and stored according to specifications
- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **10.4 Conditions to avoid** No further relevant information available
- **10.5 Incompatible materials:** No further relevant information available
- **10.6 Hazardous decomposition products:**
No hazardous decomposition products if instructions for storage and handling are followed

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **LD/LC50 values that are relevant for classification:** Due to the composition no relevant toxicity is expected.
- **Primary irritant effect:**
- **Skin corrosion/irritation**
No irritating effect; however, long or repeated mechanical contact may lead to redness and slight irritation.
- **Serious eye damage/irritation** Eye irritation is possible after mechanical influence (dust).
- **On respiratory tract:** Light irritation possible
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available
- **12.2 Persistence and degradability** The inorganic component(s) is (are) not biodegradable.
- **Other information:** This statement was deduced from the properties of the single components.
- **12.3 Bioaccumulative potential** No further relevant information available
- **12.4 Mobility in soil** No further relevant information available

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- **Additional ecological information:**
- **General notes:** Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable due to data
- **vPvB:** Not applicable due to data
- **12.6 Other adverse effects** No further relevant information available

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation:** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

<ul style="list-style-type: none"> · 14.1 UN-Number · ADR, ADN, IMDG, IATA 	Void
<ul style="list-style-type: none"> · 14.2 UN proper shipping name · ADR, ADN, IMDG, IATA 	Void
<ul style="list-style-type: none"> · 14.3 Transport hazard class(es) · ADR, ADN, IMDG, IATA · Class 	Void
<ul style="list-style-type: none"> · 14.4 Packing group · ADR, IMDG, IATA 	Void
<ul style="list-style-type: none"> · 14.5 Environmental hazards: · Marine pollutant: 	No
<ul style="list-style-type: none"> · 14.6 Special precautions for user 	Not applicable
<ul style="list-style-type: none"> · 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code 	Not applicable
<ul style="list-style-type: none"> · Transport/Additional information: 	Not dangerous according to the above regulations
<ul style="list-style-type: none"> · UN "Model Regulation": 	Void

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **National regulations**
- **Further information:**
For this substance/mixture no safety data sheet needs to be generated according to Article 31(1) of Regulation (EC) No 1907/2006. The here presented safety data sheet may therefore not fulfil all requirements of Annex II of this regulation.

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· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 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.

- **Reasons for amendments:** Change of address
- **Replaces version dated:** 12.11.2015

· **Department issuing SDS:**
 KFT Chemieservice GmbH
 Im Leuschnerpark. 3 64347 Griesheim
 Postfach 1451 64345 Griesheim
 Germany

Phone: +49 6155 8981 400 Fax: +49 6155 8981 500

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· **Contact:** Angelika Torges

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

MAL-Code: Måleteknisk Arbejdshygiejnisk Luftbehov (Regulation for the labeling concerning inhalation hazards, Denmark)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

SVHC: Substances of Very High Concern

· *** Data compared to the previous version altered.**

Changes have been made to sections marked with a *, as compared to the previous version.