Material Safety Data Sheet:

Active Mineral

*1 Identification of the substance/preparation and the company
Active Mineral

Application: Drying Agent

Wisepac Active Packaging Components Co., Ltd.
128 Luojin Road, Minhang District, Shanghai 200237, China
Tel: 86-21-54295543 54296538  Fax: 86-21-54296506
Emergency: 86-13386290281

*2 Composition/information on ingredients

Bentonite mixed with Calcium Chloride

Bentonite
Weight %: > 85
CAS No.: 1302-78-9  Index No.: --
Hazard symbols: --  EINECS No.: 215-108-5
R-phrases: --

Quartz
Weight %: 3
CAS No.: 14808-60-7  Index No.: --
Hazard symbols: --  EINECS No.: 238-878-4
R-phrases: --

Calcium Chloride
Weight %: 10
CAS No.: 10043-52-4  Index No.: --
Hazard symbols: --  EINECS No.: 233-140-8
R-phrases: --

*3 Hazards identification

Hazard description
Not applicable

*4 First-aid measures

After inhalation take the patient into the fresh air. In the event of contact with the skin, rinse off with water and soap.
Contamination of the eyes must be treated by thorough irrigation with water, with the eyelids held open. Eventually a doctor (or eye specialist) should be consulted. If product is swallowed consult a doctor if necessary.

*5 First-fighting measures

Suitable extinguishing media: No restriction in fire situations. Product is not combustible.
For reasons of security unsuitable extinguishing media: None.
Special risk due to the substance or the preparation itself, its combustion products or the gas being produced: None.
Special protective equipment when fighting fires: Firemen have to wear self-contained breathing apparatus.
Further information: none

*6 Accidental release measures

Precautionary measures regarding persons: Avoid the formation of dust, if necessary siphoning the production off locally.
Use the personal protective equipment listed in Charter 8.
Environmental protection measures: No special measures required.
Methods for cleaning up/taking up: Take up spilled product with an industrial vacuum cleaner.
Further information: None.
**7 Handling and Storage**

**Handling**

Information on safe handling: Avoid the formation of dust, if necessary shiphonning the product off locally. Take precautionary measures against static discharges.

Information on fire and explosion prevention: none.

**Storage**

Requirements on storerooms and containers: none

Information on common storage: Observe the rules contained in the VCI concept for separate/common storage.

Observe the official regulations.

Further information on storage conditions: Keep in sealed containers in a dry place.

Storage class according to VCI (Association of the German Chemical Industry): 13

**8 Exposure controls/personal protection**

For exposure controls see Chapter 15.

Respiratory protection: Respiratory equipment with filter type P according to DIN EN 143

Hand protection: gloves

Eye protection: goggles

**9 Physical and chemical properties**

Form: granular

Color: brownish - grey

Odor: odorless

PH Value: 7-8 (in suspension at 10% in water)

Melting point: not determined

Inflammability: no

Ignition temperature: not applicable

Spontaneous flammability: no

Fire-promoting Properties: no

Explosive limits: not applicable

Vapor pressure: not relevant

Bulk density: 800 to 950 kg/m3

Solubility in water: < 20 g/l

Fat solubility: not determined

Partition coefficient n-octanol/water not determined

**10 Stability and reactivity**

Condition to avoid: none known

Substances to avoid: none know

Hazardous decomposition products: none known

Further information: none

**11 Toxicological information**

Toxicological studies on the product are not yet available.

Practical experience

Dehydration in case of prolonged skin contact.

Quartz (incl. Cristobalite and Tridymite) is know as substance causing silicosis to humans.
*12 Ecological information

Ecotoxicological data are not available.

*13 Disposal considerations

Unused material: reuse if possible. Address manufacturer.

Or

May be disposed of in approved landfills provided local regulations are observed.

*14 Transport information

GGVSE: --  UN: --  PG: --
RID/ADR: --  UN: --  PG: --
Warning sign: Hazard No. --  UN No.: ----- 
ADNR: --  UN: --  PG: --
GGVsee/IMDG Code: --  UN: --  PG: --  MPO: --
ICAO-TI/IATA-DGR: --  UN: --  PG: --

Declaration for land shipment: --
Declaration for sea shipment: --
Declaration for shipment by air: --
Other information: Not dangerous cargo. Keep separated from foodstuffs.

*15 Regulatory information

No labeling is required in accordance with the EEC directives.

German regulations
TRGS 900 “Atmospheric Threshold Value”:
14808-60-7 Quartz
threshold: 0,15 mg/m³ A

Note mark
Handling restrictions: none
Major accidents regulations: not listed in the appendices
Regulations on flammable liquids: not applicable

Technical Instruction on Air Pollution Control:
Figure 5.2.1
Total dust

Water pollution class (WGK): not harmful to water
Observe national regulations.

*16 Other Information

The presented safety date sheet has been altered.
The reason for the alteration is as follows: revised text (see chapter 1, 2, 4, 5, 6, 7, 8, 11, 12, 14, 15, 16)

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe the products in terms of their safety requirements. The above details do not imply any guarantee concerning composition, properties or performance.