

SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH)



HSMC - HOLLOWED SPHERES MATRIX COMPOUNDS

Version: 4

Revision date: 27.02.2020

Date of print: 27.02.2020

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1. Identification of the substance/mixture and of the company/undertaking

Product identifier

Identification / trade name: HSMC - HOLLOWED SPHERES MATRIX COMPOUNDS
Additional identification: Vatral Defence A1

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

Use of the substance / mixture:

For use as mortar according to DIN EN 998-2, the annular gap filling according MLAR / LAR / RbALei with heat-and fireproof properties

Details of the supplier of the safety data sheet

Supplier / Manufacturer: HSMC Zweigniederlassung der TDH - GmbH Technischer Dämmstoffhandel in Hamburg, Kettelerstraße 70, DE-47574 Goch
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Department responsible for information

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2. Hazards identification

Classification of the substance or mixture

Classification according to 67/548/EEC or 1999/45/EC
keine

Label elements

Labelling according to Regulation (EC) No 1272/2008

This mixture is not classified as hazardous according to Regulation (EC) 1272/2008.

Labelling according to 67/548/EEC or 1999/45/EC

This preparation is not classified as hazardous according to 1999/45/EC.

Hazard symbols and hazard statements

not applicable

Other hazards

Continued contact with respirable dust of this product to high concentrations can affect pulmonary function. On delivery, the product is not respirable.

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3. Composition / information on ingredients

Chemical characterization

Mortar, consisting of closed cell lightweight mineral fillers, mineral additives and mineral/organic-inorganic hybrid binders.

4. First aid measures

General informations:	In all cases of doubt, or when symptoms persist, seek medical advice.
In case of inhalation:	Not applicable.
In case of skin contact:	After contact with skin, wash immediately with soap and plenty of water.
In case of eye contact:	In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.
In case of ingestion:	Seek medical advice.
Additional hints:	Symptomatic treatment.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media:	See the "additional information".
Unsuitable extinguishing media:	See the "additional information".

Special hazards arising from the substance or mixture

Small fractions of the binder evaporate from temperatures of 150°C.

Additional information

Product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Environmental precautions

Do not allow to enter undiluted into surface water or drains.

Methods and material for containment and cleaning up

Take up mechanically, placing in appropriate containers for disposal.

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7. Handling and Storage

Precautions for safe handling

Advices on safe handling

Avoid contact with skin, eye and clothing. Wear personal protective clothing (see chapter 8). Always close containers tightly after the removal of product. Avoid generating dust for dried products.

Precautions against fire and explosion

Product does not burn itself. No special fire protection measures are necessary.

Conditions for safe storage, including any incompatibilities

Information on storage conditions

The storage temperature may not fall below 5°C. Dry storage. Separately of foods or feed.

Requirements for storage rooms and vessels

No special measures are necessary.

8. Exposure controls / Personal protection

Exposure controls

Personal protection equipment

Respiratory protection: No personal respiratory protective equipment normally required. Respiratory protection necessary at: dust formation

Hand protection: By short-term hand contact: NR (natural rubber, natural latex). By long-term hand contact: NBR (nitrile rubber).

Eye protection: Safety goggles

Protective clothing: usual work clothes

General health and safety measures

Avoid contact with skin, eye and clothing. Remove contaminated, saturated clothing immediately. Wash hands before breaks and after work. Preventing skin care before and after the work.

9. Physical and chemical properties

Information on basic physical and chemical properties

General information

Physical state: Malleable mortar

Colour: creme

Odour: Slight inherent odor.

pH value (undiluted): approx. 10 bei 23°C

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pH value (1 %):	n.a.
Freezing point (°C):	n.a.
Drop point / drop range:	n.a.
Pourpoint (°C):	n.a.
Boiling temperature (°C):	n.a.
Flashpoint (°C):	n.a.
Vapour pressure (hPa):	n.a.
Density (g/cm³):	approx. 0,18 (dry)
Bulk density (g/l):	n.a.
Water solubility:	n.a.
Fat solubility:	n.a.
Dynamic viscosity (mPas):	n.b.
Kinematic viscosity (mm²/s):	n.b.

10. Stability and Reactivity

Reactivity

No decomposition if used and stored according to specifications.

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

There are expected no hazardous reactions for intended use.

Conditions to avoid

None if stored and handled correctly.

Hazardous decomposition products

Small fractions of the binder evaporate from temperatures of 150°C.

11. Toxicological information

Information on toxicological effects

No information available.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

No CMR activities known or suspected.

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12. Ecological information

Toxicity

No data available.

Bioaccumulative potential

No indication of bioaccumulation potential.

Mobility in soil

No data available.

13. Disposal considerations

Waste treatment methods

Recommendation

Dispose of waste according to applicable local, state, and federal regulations.

Packaging

Contaminated package

Recycle according to official regulations.

Cleaned package

Completely emptied packages can be recycled. Contaminated packages must be completely emptied and can be re-used following proper cleaning.

14. Transport information

Land transport (ADR/RID)

Remark: No dangerous good in sense of this transport regulation.

Sea transport (IMDG)

Remark: No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI / IATA-DGR)

Remark: No dangerous good in sense of this transport regulation.

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15. Regulatory information

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

National regulations

Weakly water-endangering (WGK 1).

Chemical Safety Assessment

For this substance a chemical safety assessment is not required.

16. Other information

Data sources

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The informations make no claim to be complete. This safety data sheet does not represent a warranty or assurance of properties of the preparation. The TDH GmbH disclaims any liability for damages resulting from contact with or incorrwct handling of these chemicals.