

Non-biopersistent Special Purpose Fibers

Version 1.0

Revision Date 21.09.2015

Print Date 21.09.2015

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

1.1 Product identifier

Trade name : Evalith® 902 Glass Microfiber
Registration number : 01-2119472313-44-0002

Substance name : Man-made vitreous (silicate) fibres with random orientation with alkaline oxide and alkali earth oxide (Na₂O+K₂O+CaO+MgO+BaO) content greater than 18 % by weight and fulfilling one of the note Q conditions.

Index-No. : 650-016-00-2

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

1.3 Details of the supplier of the safety data sheet

Company : Johns Manville Sales GmbH
Werner-Schuller-Straße 1
97877 Wertheim
/ GERMANY

Telephone : +49 9342 801-750
Telefax :
E-mail address : productsafety@jm.com
Responsible/issuing person

1.4 Emergency telephone number

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

2.3 Other hazards

Temporary mechanical irritation (itching) of skin, eyes and respiratory tract may occur upon exposure to fibers or dust during handling of this product and cannot occur unless there is direct contact. Irritation effects should subside after cessation of exposure.

SECTION 3: Composition/information on ingredients

3.1 Substances

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Hazardous components

No dangerous ingredients according to Regulation (EC) No. 1907/2006

SECTION 4: First aid measures**4.1 Description of first aid measures**

- General advice : Get medical attention if symptoms occur.
- If inhaled : Move to fresh air.
If symptoms persist, call a physician.
- In case of skin contact : Take off all contaminated clothing immediately.
If on skin, rinse well with water.
Get medical attention if irritation develops and persists.
- In case of eye contact : In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
If eye irritation persists, consult a specialist.
- If swallowed : If symptoms persist, call a physician.
Rinse mouth with water to remove dust or fibers and drink plenty of water to help reduce irritation.

4.2 Most important symptoms and effects, both acute and delayed

None known.

4.3 Indication of any immediate medical attention and special treatment needed**SECTION 5: Firefighting measures****5.1 Extinguishing media**

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2 Special hazards arising from the substance or mixture**5.3 Advice for firefighters**

- Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Avoid dust formation.

6.2 Environmental precautions

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Take up mechanically.
Pick up and arrange disposal without creating dust.

6.4 Reference to other sections

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.

Advice on protection against fire and explosion : Provide appropriate exhaust ventilation at places where dust is formed.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep in a dry, cool place.

Advice on common storage : No materials to be especially mentioned.

Other data : Stable at normal ambient temperature and pressure.

7.3 Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
General limit value for dust (AGW - Germany)		AGW (Alveolar fraction)	1,25 mg/m ³	DE TRGS 900
		AGW (inhalable)	10 mg/m ³	DE TRGS

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Peak-limit: excursion factor (category)	2;(II)	fraction)		900
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Do not exceed the exposure limit values for general dust. Please observe your national valid limit values. Exposure limits are not expected to be exceeded in typical applications.

8.2 Exposure controls

Personal protective equipment

- Eye protection : Safety glasses

- Hand protection
Remarks : For prolonged or repeated contact use protective gloves.

- Skin and body protection : Long sleeved clothing

- Respiratory protection : No personal respiratory protective equipment normally required.
When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance : solid

- Colour : colourless

- Odour : slight

- Odour Threshold : Not relevant

- pH : Not applicable

- Softening point : 684 °C

- Boiling point/boiling range : Not applicable

- Flash point : Not applicable

- Evaporation rate : Not applicable

- Upper explosion limit : Not applicable

- Lower explosion limit : Not applicable

- Vapour pressure : Not applicable

- Relative vapour density : Not applicable

- Density : 2,516 g/cm³

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Bulk density	: ca. 0,15 kg/m ³
Solubility(ies)	
Water solubility	: slightly soluble
Thermal decomposition	: Not applicable
Viscosity	
Viscosity, dynamic	: Not applicable
Viscosity, kinematic	: Not applicable

9.2 Other information

No data available

SECTION 10: Stability and reactivity**10.1 Reactivity**

No decomposition if stored and applied as directed.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactionsHazardous reactions : Stable under recommended storage conditions.
No hazards to be specially mentioned.**10.4 Conditions to avoid**

Conditions to avoid : No data available

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10.5 Incompatible materials**10.6 Hazardous decomposition products****SECTION 11: Toxicological information****11.1 Information on toxicological effects****Acute toxicity****Skin corrosion/irritation****Serious eye damage/eye irritation****Respiratory or skin sensitisation****Germ cell mutagenicity****Carcinogenicity****Reproductive toxicity****STOT - single exposure****STOT - repeated exposure****Aspiration toxicity****Further information****Product:**

Remarks: Temporary mechanical irritation (itching) of skin, eyes and respiratory tract may occur upon exposure to fibers or dust during handling of this product and cannot occur unless there is direct contact. Irritation effects should subside after cessation of exposure. The micro fibres used in these products are not biopersistent in rats after intratracheal instillation according to the criteria laid down in the EU protocol and the German Hazardous Substances Ordinance. Therefore, a classification as a carcinogen does not apply.

SECTION 12: Ecological information**12.1 Toxicity**

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Not relevant

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12.6 Other adverse effects

Product:

Additional ecological information : Remarks: Due to the properties of the product, a hazard to the environment may not be expected.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : In accordance with local and national regulations.

SECTION 14: Transport information

14.1 UN number

Not regulated as a dangerous good

14.2 UN proper shipping name

Not regulated as a dangerous good

14.3 Transport hazard class(es)

Not regulated as a dangerous good

14.4 Packing group

Not regulated as a dangerous good

14.5 Environmental hazards

Not regulated as a dangerous good

14.6 Special precautions for user

Remarks : These products are not classified as dangerous goods according to international transport regulations.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

SECTION 15: Regulatory information

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

The components of this product are reported in the following inventories:

REACH : registered by Johns Manville

TSCA : On TSCA Inventory

DSL : All components of this product are on the Canadian DSL.

Inventories

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AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

15.2 Chemical Safety Assessment

SECTION 16: Other information

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 a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.