

Product name: SOLENA Sheep wool insulation with Ionic Protect®

Creation date: 2024-07-22

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

Commercial name: SOLENA sheep wool insulation with Ionic Protect ®

Average of the product types: SOLENA Optimal, SOLENA Premium, SOLENA Optimal Plus, SOLENA Klemmfilz, SOLENA loose wool, SOLENA window filler, SOLENA sheep wool felt, SOLENA sheep wool felt strips, SOLENA acoustic underlay insulation)

(*dt. SOLENA Optimal, SOLENA Premium, SOLENA Optimal Plus, SOLENA Klemmfilz, SOLENA Lose Wolle, SOLENA Fugenband, SOLENA Schafwollfilz, SOLENA Schallwollfilzstreifen, SOLENA Trittschalldämmung*)

Registered company name: Isolena Naturfaservliese GmbH

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Nat.-Label.: A

Postal code: 4730

City: Waizenkirchen

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2. Hazards identification

Hazard Label:

Does not require labeling.

Special hazard warnings for the people and the environment:

None

3. Composition / information on ingredients

Substances: 100% washed virgin sheep's wool, various origins (European region)

4. First aid measures

Not necessary as there is no danger.

5. Firefighting measures

Suitable extinguishing agents:

All extinguishing agents are suitable, the product itself does not burn.

Unsuitable extinguishing agents: None

Special hazards arising from the substrate or mixture: None

Advice for the firefighters

In the event of a fire, wearing a self-contained breathing apparatus is recommended.

6. Accidental release measures

Not necessary as there is no danger.

7. Handling and storage

Advice for safe handling:

None, since there is no fiber fly and no chemical additives or support grids are used, you just have to pay attention to professional assembly.

Advice for proper storage:

Keep storage rooms dry, free from moisture and, for long-term storage, protected from sunlight (possible UV damage to the PE bags).

Specific end uses:

Thermal and sound insulation throughout the house or other projects and areas of application in the construction sector such as tiny houses, campervans, etc.

8. Exposure controls / personal protection

Observe general Hygiene- and safety measures

Eye protection: If necessary, wear protective glasses when processing.

9. Physical and chemical properties

| Parameter | Appearance/Value(s) |
|----------------------|-----------------------|
| State of aggregation | Solid |
| Color | Yellowish, brown gray |

Safety data sheet according to EC No. 1907/2006

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| | |
|---|----------------------|
| Smell | Characteristic, weak |
| Meltingpoint/Freezing point | n.a. |
| Boiling point or start of boiling and boiling range | n.a. |
| Flammability | Hard to ignite |
| Lower explosion limit, upper explosion limit | n.a. |
| Flashpoint | 650°C |
| Ignition temperature | 650°C |
| Decomposition temperature | n.a. |
| PH value | 6.8-6.3 |
| Kinematic viscosity | n.a. |
| Solubility | Not soluble |
| Partition coefficient n-octanol/water (log value) | Not soluble |
| Vapor pressure | n.a. |
| Density and/or relative density | n.d. |
| Relative vapor density (sd value per thickness and density) | <u>0,1-1 m</u> |
| Particle properties | n.d. |

* Values refer to n.d. = not determined, n.a. = not applicable

10. Stability and reactivity

Substances to avoid: None

Dangerous decomposition products: None

11. Toxicological information

Acute toxicity: Non-toxic

12. Ecological information:

General information:

No environmentally harmful effects are known, the material is an infinitely renewable natural raw material with an unlimited service life when installed.

Impact on humans and nature during the life cycle:

Exclusively positive - proven formaldehyde neutralization when installing virgin sheep's wool. Ionization of the room air – better dust binding

13. Disposal considerations

Recycling processes: Recycling through direct reinstallation after the building materials have been sorted on the construction site or recycling through return to the manufacturer's factory/recycling and addition to new production (up to 50%). A return process can be viewed according to the EPD und vorhanden.

Waste treatment methods: Thermal disposal or composting

Waste code / waste designation according to AVV: Not known, residual waste or organic waste

Uncleaned packaging: Completely emptied packaging can be recycled.

14. Transport information

General Information:

Not dangerous goods in the sense of national and international transport regulations.

15. Regulatory Information

Labeling according to EEC guidelines:

Does not require labeling.

Code letter of the product: None

Special characteristics of certain preparations: None

National Regulations: None

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