Safety data sheet

SIMA-Floor-Tec Adhesive non-woven

Breathable - vapor-permeable

Grammage:
180 g/m²

Dimension:
1x25 m / 1x50 m / 0,65x25 m

1. Name of the substance and the company

1.1. Product identification

Substance name/trade name: SIMA-FLOOR-TEC Non-woven side adhesive Breathable

1.2. Relevant identified uses of the substance

Construction industry

1.3. Details of the supplier

Manufacturer/supplier: Sima GmbH, Anton-Tonoli-Straße 3, 77790 Steinach
Contact point for technical information: Sales department
Phone: +49 7832/97530- 0
Email: info@sima-handel.com

2. Possible hazards

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008
The mixture is not classified as hazardous within the meaning of Regulation (EC) No. 1272/2008.

2.2. Label elements

The product is not classified as hazardous. It is considered a product and does not require an SDS.

3. Composition/information on ingredients

Information on the type of nonwoven fabric: Needle felt
Information on the film: Mixture of polyethylene and/or ethylene copolymers
Adhesive: Acrylic (water-based)

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4. First aid measures

4.1. Description of first aid measures

No special measures are required.
In case of accident or if you feel unwell, seek medical advice immediately (show the operating instructions or safety data sheet if possible).

General advice

Provide fresh air.

After inhalation

Not expected, as this product is a solid. Avoid inhaling dust. Dust from the product poses a potential explosion hazard. In case of excessive inhalation of dust or fumes generated during processing or heating of the nonwoven fabric, move the person to fresh air. Seek medical attention.

After skin contact

Unlikely irritation may be caused by mechanical irritation. If molten material comes into contact with the skin, immediately rinse with large amounts of water to cool the affected tissue and polymer. Do not attempt to peel polymer from the skin, as this will remove the skin. Consult a physician if the burn is deep or extensive.

After eye contact

Unlikely irritation may be caused by mechanical irritants. Rinse eyes with water for at least 15 minutes. If irritation persists, seek medical attention. If molten material comes into contact with the eyes, rinse eyes continuously with cool running water for at least 15 minutes. Do not attempt to remove adhering material. Consult a physician immediately.

After ingestion

Do not induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

No information available.

4.3. Indication of any immediate medical attention and special treatment needed

First aid, decontamination, symptomatic treatment.

5. Firefighting measures

5.1. Extinguishing media

Water spray, foam, carbon dioxide (CO2), dry powder
Suitable extinguishing media
Water jet

5.2. Special hazards arising from the substance or mixture

When decomposing, this product may emit carbon dioxide, carbon monoxide, and/or low molecular weight hydrocarbons. Special protective equipment for firefighting Protective clothing. In case of fire: Wear self-contained breathing apparatus.

5.3. Firefighting instructions

Firefighters should wear self-contained breathing apparatus and full protective equipment for firefighting (bunker equipment). Keep personnel away from the windward side of the fire.
Water should be used to keep containers exposed to fire cool. Water, foam, and dry chemicals can cause damage to electrical equipment.

6. Accidental release measures

6.1. Personal precautions, protective equipment, and emergency procedures

For non-emergency personnel

Wear long pants and long sleeves during thermal or melting processing. Wear insulated gloves and face protection if there is a possibility of contact. Safety glasses are recommended.

For emergency responders:
Wear self-contained breathing apparatus and full firefighting gear (bunker gear). Keep personnel away from the fire and upwind of the fire.
Environmental precautions:
No data available.

6.2. Methods and material for containment and cleaning up

Disposal
Recycle, incinerate, or send waste fabric to a landfill in accordance with local disposal regulations.
Evacuation procedures
Not applicable

7. Handling and storage

7.1. Protective measures for safe handling

Avoid heat, sparks, or open flames. In the presence of an ignition source, airborne abrasion can cause a dust explosion.

Precautions for safe handling
Take standard preventive fire protection measures.

7.2 Conditions for safe storage, taking into account incompatibilities

Store the material in a cool (below 40°C) and dry place, away from direct sunlight. Ensure that stability is not compromised by excessive stacking. To avoid contamination or water damage, do not store the product directly on the floor. Exhaust fumes from storage vehicles can cause discoloration at high concentrations.

7.3. Specific end uses

No information available.

8. Exposure controls/personal protection

8.1. Parameters to be monitored

8.2. Exposure controls

The product is not considered to be a health hazard for inhalation under reasonably foreseeable conditions of use. Normal room ventilation is usually sufficient.

Suitable technical control measures
Technical controls: Local ventilation is recommended
Control exposure to dust or process vapors. Follow workplace instructions and general safety regulations. No special respiratory protection is required for operational use system, eyes, hands, or other.
Protective and hygiene measures
Not required
Eye/face protection
Not required
Hand protection
Not required
Body protection
Not required
Respiratory protection
No information available.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form: Solid material
Appearance: Opaque
Color: white/blue
Physical state: solidOdor: virtually odorless
Melting range: Fleece: 235-265°C, film: 50-170°C
pH value: Fleece: 4.5-7, otherwise no data available
Flash point: No data available
Solid: No data availableGas: No data available
Not explosive.

Explosion hazards

Lower explosion limit: No data available
Upper explosion limit: No data available
Ignition temperature: No data available

Auto-ignition temperature

Solid: No data available
Gas: No data available
Decomposition temperature: Fleece: 350°C PES, otherwise no data available
No information available.

Fire-promoting properties

Vapor pressure: No data available
Density: No data available
Water solubility: Practically insoluble
Solubility in other solvents: No information available.
Distribution coefficient: No data available
Dynamic viscosity: No data available
Vapor density: No data available
Evaporation rate: No data available

9.2. Other information

No information available.

10. Stability and reactivity

10.1. Reactivity

This product is stable under normal conditions of use and storage.
Behavior similar to cotton.

10.2. Chemical stability

The product is stable when stored at normal ambient temperatures. Prolonged exposure to higher temperatures reduces toughness. Prolonged exposure to light may cause discoloration and a decrease in toughness.

10.3. Possibility of hazardous reactions

Reacts with: Oxidizing agents, strong
Hazardous decomposition products: Carbon dioxide, carbon monoxide, hydrocarbons, dense smoke.

10.4. Conditions to avoid

Keep away from high temperatures during storage. Flammable when exposed to open flames.

10.5. Incompatible materials

Strong acids and strong bases, strong oxidizing agents

11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Based on available data, the classification criteria are not met.

Irritation and corrosive effects

Based on available data, the classification criteria are not met.

Carcinogenic, mutagenic, and reproductive toxicity

Based on the available data, the classification criteria are not met.

Specific target organ toxicity after single exposure

Based on the available data, the classification criteria are not met.

Specific target organ toxicity after repeated exposure

Aspiration hazard

12. Environmental information

12.1. Toxicity

No information available.

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, Annex XIII.

13. Disposal considerations

Recommendations for disposal

The material can be reused through recycling. Disposal is possible by controlled incineration or disposal in a landfill, taking into account national regulations.

European Waste Catalogue 070213.

Processing, use, or contamination of this product may change the waste management options.

Disposal of uncleaned packaging and recommended cleaning agents

Disposal in accordance with official regulations

14. Transport information

Not classified as dangerous goods under these transport regulations.

15. Further information

This information is based on our current knowledge and describes the product in terms of safety requirements. However, it does not constitute a guarantee of specific product properties and does not establish a legally binding contractual relationship. Neither the agreed quality nor the suitability of the product for a specific purpose can be derived from this data.

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