

MATERIAL SAFETY DATA SHEET

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

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

- 1.1. Product Group:** SPIRIT Gluedown
1.2. Uses: Flexible PVC floorcovering
1.3. Supplier: BerryAlloc NV
Industrielaan 100
Menen, Belgium
Tel.: +32 56 528 480
Fax.: +32 56 528 490
- 1.4. Phone number:** Product Emergency Tel.: +32 56 528 480

2. HAZARDS IDENTIFICATION

- 2.1. Human health hazards:** No health danger
2.2. Environmental hazards: No environmental effect, but for further information, see section 7, 8 and 10 of this MSDS
2.3. Main hazards: None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Flexible flooring are produced from a mixture of polyvinylchloride resins, plasticizers, stabilizers and possibly pacifying agents and fillers (carbonates).

| (% of weight) | |
|-------------------|--------------|
| COMPONENT | GLUEDOWN |
| PVC Resin | Approx. 40% |
| Calcium Carbonate | Approx. 50% |
| Plasticizer | Approx. 9% |
| Fiber Grid | None |
| Stabilizer | Approx. 0.5% |
| Pigments | Approx. 0.1% |

Products do not contain asbestos.

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4. FIRST AID MEASURES

General comments: No need for particular precautionary measures

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|---------------------------|--------------------------------------------------------------------------------------------|
| 4.1. Inhalation: | None expected. Remove to fresh air and seek medical assistance if adverse reaction occurs. |
| 4.2. Skin contact: | Not applicable |
| 4.3. Eye contact: | Rinse with water like any non-hazardous solid material |
| 4.4. Ingestion: | Not applicable |

5. FIRE-FIGHTING MEASURES

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|------------------------------------------------------------|----------------------------------------------------------------------------------------|
| 5.1. Suitable fire-fighting media: | Water, foam, CO ₂ , chemical powder |
| 5.2. Specific hazards: | The thermic decomposition of the product releases hydrochloric vapor (HCl) |
| 5.3. Special protective equipment for firefighters: | Wear self-contained breathing apparatus and appropriate personal protective equipment. |
| 5.4. Other precautions: | In case of fire, avoid inhalation of decomposition fumes. |

6. ACCIDENTAL RELEASE MEASURES

- | | |
|----------------------------------------|------------------------------------|
| 6.1. Personal precautions: | Not applicable |
| 6.2. Environmental precautions: | Not applicable |
| 6.3. Methods for cleaning up: | Dispose the material as instructed |

7. HANDLING AND STORAGE

- | | |
|-----------------------|------------------------------------------------------------------------------------------------------------------------|
| 7.1. Handling: | No special requirements |
| 7.2. Storage: | It is advised to store the product at room temperature. Do not expose directly to sun radiation or other heat sources. |

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protective equipment: Not applicable

| | |
|---------------------------------------|----------------|
| 8.1. Respiratory protection: | Not applicable |
| 8.2. Hand protection: | Not applicable |
| 8.3. Eye protection: | Not applicable |
| 8.4. Skin and Body protection: | Not applicable |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|----------------------------------------|-------------------------------|
| 9.1. Physical state: | Solid flexible floor covering |
| 9.2. Form: | Tile or Plank |
| 9.3. pH: | Not applicable |
| 9.4. Color: | Varies |
| 9.5. Odor: | Slight characteristic |
| 9.6. Decomposition temperature: | >150°C time depending |
| 9.7. Flashpoint: | Not applicable |
| 9.8. Explosion properties: | Not applicable |
| 9.9. Surface mass: | 3.45-4.95 kg/m ² |
| 9.10. Thickness: | 2 mm - 5 mm |

10. STABILITY AND REACTIVITY

| | |
|------------------------------------------------|------------------------------------------------------------------------|
| 10.1. Stability: | Product is stable under normal conditions |
| 10.2. Conditions to avoid: | None |
| 10.3. Hazardous decomposition products: | Thermal decomposition of the product releases hydrochloric vapor (HCl) |

11. TOXICOLOGICAL INFORMATION

No toxicological effects on human health.

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12. ECOLOGICAL INFORMATION

12.1. Ecological effects: No negative ecological effects are known
12.2. Solubility in water: Not soluble in water.

13. DISPOSAL CONSIDERATIONS

13.1. Product: Disposal in compliance with national and local regulations as PVC recyclable material
13.2. Packaging: Disposal in compliance with national and local regulations subjected to waste management schemes.

14. TRANSPORT INFORMATION

No dangerous goods according to transportation regulations

15. REGULATORY INFORMATION

The product is not classified as hazardous.

16. OTHER INFORMATION

The information contained herein is based on our present knowledge. They describe the security measures to be taken in relation to the product concerned. They do not represent a guarantee on the properties of the products.