



SPREFIX - LPB SAFETY DATA SHEET

Safety Data Sheet

SpreFix LPB

In accordance with EC/1907/2006 D ate created 26/03/2008 D ate revised 10/06/2009 Page of 5

1. Identification of the preparation and company

1.1	Product Name	SpreFix LPB
1.2	Product Type	Binder for spray-on insulation
1.3	Company Name	MCOATING Via Servais 200/e/6 - 10146 Torino - ITALY Beverweerdsweg, 60 3985 RE - Werkhoven - Utrecht - NL
	Telephone	Gsm ITA (+39) 347.349.66.45 Gsm NL (+31) 620.310.620
	Telefax	
	Internet	www.mcoating.it
	E-mail	info@mcoating.it

2. Hazard identification of the product

Hazards identification

Based on the data available to us, the product is not a dangerous substance within the meaning of EC Directive 99/45 and amendments (CHIP Regulations in UK).

It can be considered as not being toxic, harmful, irritating, corrosive or oxidizing.

Ecological information: Cfr. Section 12.

3. Composition/information on ingredients

2.1	Chemical composition	Boron salt
2.2	Hazardous components	n.a.

4. First aid measures

4.1	Inhalation	n.a.
4.2	Skin contact	In extreme cases: Irritation. Wash with soap and water.
4.3	Eye contact	In extreme cases: Irritation. Irrigate eyes with plenty of water for at least 10 min. Obtain medical attention if symptoms persist.
4.4	Ingestion	Nausea: Give plenty of water to drink. Clear mouth, nose and throat. Seek medical assistance.

n.a. = not applicable

The information contained herein is based upon data considered to be accurate. However, no warranty is expressed or implied regarding the accuracy of these data, the results to be obtained from the use thereof, or that any such use will not infringe upon any patent. This information is furnished as a guide only and upon the condition that the person receiving it shall make tests to determine the accuracy and suitability for his or her own purpose.



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5. Fire-fighting measures

- 5.1 **Fire Hazard** The product is water based and has in wet condition very low flammability.
- 5.2 **Suitable extinguishing media** Water, Alcohol-resistant foam, Powder, Carbon dioxide (CO₂), any kind of extinguishing media can be used. Protective clothing and self-contained breathing equipment should be available for firemen.

6. Accidental release measures

- 6.1 **Personal protection** Wear protection-gloves and goggles to contain spills. Avoid repeated skin contact. Avoid repeated contact with skin.
- 6.2 **Environmental precautions** Prevent the product entering sewers and waterways
Cfr. Section 12.
- 6.3 **Cleaning / Recovery** **Major spillage:** Contain & pump into containers
Minor spillage: Absorb on sand, earth and such like. collect into containers for disposal (Cfr. Section 13)
- Disposals should always comply with local, national or EC regulations.

7. Handling and storage

- 7.1 **Handling** Good industrial and personal hygiene practice should be followed. No eating and drinking in the workplace. Ensure adequate ventilation.
- 7.2 **Storage** Storage temperature: Recommended between +10 and +40 °C
Protect from frost & direct sunlight.
Bottles and buckets: Plastic or stainless steel
Bulk-containers: Stainless steel, aluminum or plastic materials.
Clean the containers regularly to avoid bacteria build-up.
Do not store for more than 6 months without consulting the manufacturer.

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8. Exposure controls and personal protection

- 8.1 **Exposure** No danger in normal ambient conditions. Users should determine the conditions for safe use of the product. Cfr. Section 7.1. Avoid repeated skin contact.
- 8.2 **Personal Protection under normal ambient conditions**
- Respiratory ways:** n.a.
Hands: Waterproof gloves
Eyes: Goggles or safety glasses
Skin: n.a.

9. Physical and chemical properties

- 9.1 **Physical State** Liquid
- 9.2 **Appearance** Clear
- 9.3 **Odour** Weak specific
- 9.4 **Flash Point** >100°C
- 9.5 **Boiling Point** Approx as water
- 9.6 **Solubility in Water** Miscible
- 9.7 **Viscosity** <10 mPa.s (Brookfield RVF at +20°C)
- 9.8 **pH** 7,5 – 8.5
- 9.9 **Dry Substance** 11 – 13%
- 9.10 **Density** Approx 1050kg/m³

10. Stability and reactivity

Stable under the recommended storage conditions. Cfr. Section 7.2
Bacterial degradation can occur if the product is stored for unusually long period or is stored under unsuitable conditions.
Avoid strong acids and materials which react with water.

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11. Toxicological information

The product does not contain formaldehyde, Phthalates or PCP`s.
Low toxicity is indicated by available data.
Under normal industrial conditions, there is no indication that the product can be considered as a health risk. Cfr. Section 2.

12. Ecological information

The product is miscible with water and as such could cover considerable distances if spilled into waterways. Even a small spillage will whiten the appearance of water.
There is only a slow environmental breakdown of the product, but seemingly no tendency for bioaccumulation.
Water for sewage treatment that has been contaminated with small quantities of the product will not affect the biomass. Absorption of the polymer particles onto the sludge will occur with subsequent elimination from the waste stream.

13. Disposal considerations

Do not discharge untreated waste latex directly into sewers or waterways. The polymer content can be coagulated and disposed of in a landfill site or incineration. Effluent containing latex can be treated by various methods; filtration, coagulation and settling etc. All latex disposals should comply with local, national or EC regulations.

Further information can be obtained from our Environmental Department.

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14. Transport information**14.1 Road and Rail Transport**

-ARD Non hazardous goods
-RID Non hazardous goods

14.2 Inland Waterways Transport

ADNR Non hazardous goods

14.3 Marine Transport

-IMDG/UN Non hazardous goods

14.4 Air Transport

-ICAO/IATA-DGR Non hazardous goods

14.5 Mail / Courier Dispatch

Permitted

14.6 Identification

This product is not classified as dangerous for transportation

15. Regulatory information

The product has no hazard classification within the meaning of EC Directive 99/45.
There is no labeling required. Cfr. Section 2.
The product has no EC-number and it is not listed in EINECS.

16. Other information

This Material Safety Data Sheet complies with EC Directive 1907/2006
All information and data given herein relates only to the specific material identified. We believe that this information is accurate and reliable as of this Material Safety Data Sheet. However, it is the customer's obligation to determine the conditions of safe use of the product because the purposes and the conditions of use of the product are not within the control of our company.

Our company is not responsible for any injury or liability resulting from misuse of the product.

This Sheet is not a sales specification or an indication of suitability for a particular use.

SpreFix system The binder SpreFix LPB shall be used together with the binder SpreFix LPA and SpreFix S Stonewool Fibers or SpreFix G Glasswool Fibers.

The components shall be applied with a special spray-on machine and by qualified personnel.

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