

BOTAMENT® D 1 SPEED

Rapid multi-functional bonding primer



BOTAMENT® D 1 SPEED is a rapid multi-functional primer to prepare absorbent and non-absorbent substrates for the subsequent application of tile adhesives, filler compounds, renders or paints in interior and exterior areas.

Properties

- ❖ Rapidly drying
- ❖ Can be diluted 1:2
- ❖ For absorbent and non-absorbent substrates
- ❖ Good surface grip
- ❖ Can be rolled or painted on
- ❖ For interior and exterior areas
- ❖ Highly productive
- ❖ Solvent-free

Application Areas

priming of non-absorbent substrates (undiluted):

- ❖ glazed and unglazed tile coverings
- ❖ natural and artificial stone slabs
- ❖ firmly bonded, water-insoluble paints
- ❖ thin-layered carpet adhesive
- ❖ highly compacted concrete
- ❖ impregnated OSB-boards and timber floor boards
- ❖ mastic asphalt screeds

priming of absorbent substrates (diluted 1:1 up to 1:2):

- ❖ concrete, lightweight concrete and porous concrete
- ❖ brickwork
- ❖ cement and calcium sulphate screeds
- ❖ cement, lime and gypsum renders
- ❖ fibre cement boards
- ❖ plasterboards
- ❖ gypsum plaster

Substrate preparation

The substrate must be in the following condition:

- ❖ absorbent, clean and frost-free
- ❖ stable
- ❖ free from grease, paint, separating agents and loose particles

Crumbly, soft or badly bonding substrate particles must be removed.

In the subsequent tile fitting it must be ensured that the gypsum renders are not smoothed or worn.

Technical data

material basis	high-quality polymer dispersion with selected fillers
colour	blue
packaging	1 kg 5 kg 10 kg
storage	cold and frost-free at least 12 months in its original sealed container
density	~ 1.36 kg/ dm ³
consumption per coat	~ 50- 100 g/ m ²
time interval until fitting of tiles onto absorbent substrates (1:1 diluted with water)	~ 15- 30 minutes
time interval until application of filler compounds	~ 45- 60 minutes
time interval until fitting of tiles onto non-absorbent substrates (undiluted)	~ 30- 45 minutes
application and substrate temperature	+ 5 °C to + 30 °C
cleaning agent	water

All times stated refer to the standard atmosphere of + 23° C and 50 % relative humidity. Higher temperatures and lower humidity accelerate, while lower temperatures and higher humidity delay processing time and curing.

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Please also note:

- ❖ sand calcium sulphate screeds prior to priming down to a stable base
- ❖ residual moisture for calcium sulphate screeds ≤ 0.5 %
- ❖ only apply on dry gypsum plasters

substrate type	application of BOTAMENT® D 1 SPEED
absorbent mineral substrates*	1 x 1:1- 1:2 diluted with water
gypsum substrates / calcium sulphate screeds	2 x 1:1 diluted with water
plasterboards	1 x 1:1 diluted with water (only on joints worked on with gypsum filler)

* such as concrete, porous concrete, sand lime stone, lime and cement renders and cement screeds

Application

- ❖ apply BOTAMENT® D 1 SPEED by brush, wallpapering brush or lambskin roller
- ❖ the surface must be scratch-resistant after drying
- ❖ only apply as much material so as to avoid the formation of puddles

Prior to applying BOTAMENT® D 1 SPEED shake or stir it up as the grain contained in the primer tends to settle at the bottom of the compound.

In case of dilution with water the primer has to be stirred up and kept in motion while processing to avoid the settling of the fillers.

Important Tips

Due to the various absorption capacity of building materials and the different local environmental conditions the drying time of the primer can change. Prior to the further reworking of the primer it has to be dried out sufficiently.

For the application of ceramic coverings and natural stone slabs on wooden substrates our fast setting adhesives BOTAMENT® M 10 Speed, M 24 or MULTISTONE® are to be used.

Wooden substrates which are sensitive against moisture like e.g. parquet are to be primed with BOTAMENT® R 20 or BOTAMENT® E 120.

You can view or download the safety datasheet at www.botament.com.

To achieve optimal results we recommend conducting a site-specific test sample prior to using.

Important Notice: The information provided here is based on our experience and is given to the best of our knowledge, but is non-binding. All instructions must be adapted to suit the individual building projects, the application purpose and the specific local conditions. Given these preconditions we shall be liable for the accuracy of the information given as outlined in our sales and delivery terms and conditions. Recommendations by our employees that deviate from this information are only binding for us if they have been confirmed in writing. In any case, the generally accepted technical rules must be adhered to. Edition GB-1807. Further technical details can be found in our technical data sheets on our website: www.botament.com.
MC Building Chemicals • Castleblayney • Co. Monaghan

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 12.08.2020

Version number 8

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

· **1.1 Product identifier**

· **Trade name** D1 Speed

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

No further relevant information available.

· **Application of the substance / the mixture**

Priming

· **1.3 Details of the supplier of the safety data sheet**

· **Manufacturer/Supplier:** BOTAMENT Systembaustoffe
Am Kruppwald 1
D-46238 Bottrop

Tel.: ++49(0)2041 101-90

Fax.: ++49(0)2041 101-988

· **Informing department:**

Product safety department.
msds@botament.com

· **1.4 Emergency telephone number:**

Tel.: +49 / (0)700 24112112 (MCR)

Tel.: +48612864565

SECTION 2: Hazards identification

· **2.1 Classification of the substance or mixture**

· **Classification according to Regulation (EC) No 1272/2008**

The product is not classified, according to the CLP regulation.

· **2.2 Label elements**

· **Labelling according to Regulation (EC) No 1272/2008**

Void

· **Hazard pictograms**

Void

· **Signal word**

Void

· **Hazard statements**

Void

· **Additional information:**

Contains reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1), 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

Safety data sheet available on request.

· **2.3 Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

· **3.2 Chemical**

characterisation: Mixtures

Acrylsäure-Copolymerisat mit Füllstoffen

(Contd. on page 2)

GB

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 12.08.2020

Version number 8

Revision: 12.08.2020

Trade name D1 Speed

(Contd. of page 1)

· **Description:** Mixture consisting of the following components.

· **Dangerous components:**

CAS: 546-93-0	Magnesite	substance with a Community workplace exposure limit	<2.5%
EINECS: 208-915-9			

SECTION 4: First aid measures

· **4.1 Description of first aid measures**

- **General information** No special measures required.
- **After inhalation** Supply fresh air.
- **After skin contact** The product is not skin irritating.
- **After eye contact** Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
- **After swallowing** Rinse out mouth and then drink plenty of water. Seek medical treatment.

· **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.

· **4.3 Indication of any immediate medical attention and special treatment needed** No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents** Use fire fighting measures that suit the environment.
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
- **6.2 Environmental precautions:** Dilute with much water.
- **6.3 Methods and material for containment and cleaning up:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

(Contd. on page 3)

GB

Safety data sheet
according to 1907/2006/EC, Article 31

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Version number 8

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· **6.4 Reference to other sections**

No dangerous materials are released.

(Contd. of page 2)

SECTION 7: Handling and storage

· **7.1 Precautions for safe handling**

No special measures required.

· **Information about protection against explosions and fires:**

No special measures required.

· **7.2 Conditions for safe storage, including any incompatibilities**

· **Storage**

· **Requirements to be met by storerooms and containers:**

No special requirements.

· **Information about storage in one common storage facility:**

Not required.

· **Further information about storage conditions:**

None.

· **7.3 Specific end use(s)**

No further relevant information available.

SECTION 8: Exposure controls/personal protection

· **Additional information about design of technical systems:**

No further data; see item 7.

· **8.1 Control parameters**

· **Components with critical values that require monitoring at the workplace:**

546-93-0 Magnesite

WEL	Long-term value: 10* 4** mg/m ³ *inhalable dust **respirable dust
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· **Additional information:**

The lists that were valid during the compilation were used as basis.

· **8.2 Exposure controls**

· **Personal protective equipment**

· **General protective and hygienic measures**

The usual precautionary measures should be adhered to in handling the chemicals.

· **Breathing equipment:**

Not required.

· **Protection of hands:**

Protective gloves.

· **Material of gloves**

Natural rubber, NR

Nitrile rubber, NBR

· **Penetration time of glove material**

Penetration: ≥ 480 min

· **Eye protection:**

Safety glasses

(Contd. on page 4)

GB

Safety data sheet
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Printing date 12.08.2020

Version number 8

Revision: 12.08.2020

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· **Body protection:** Light weight protective clothing

(Contd. of page 3)

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

· Form:	Fluid
· Colour:	Blue
· Smell:	Characteristic

· **Change in condition**

· Melting point/freezing point:	Not determined
· Initial boiling point and boiling range:	100 °C

· **Flash point:** Not applicable

· **Self-inflammability:** Product is not selfigniting.

· **Explosive properties:** Product is not explosive.

· **Steam pressure at 20 °C:** 23 hPa

· **Density at 20 °C** 1.35 g/cm³

· **Solubility in / Miscibility with Water:** Fully miscible

· **Viscosity:**
dynamic: Not determined.

· **9.2 Other information** No further relevant information available.

SECTION 10: Stability and reactivity

· **10.1 Reactivity** No further relevant information available.

· **10.2 Chemical stability**

· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

· **10.3 Possibility of hazardous reactions** No dangerous reactions known

· **10.4 Conditions to avoid** No further relevant information available.

· **10.5 Incompatible materials:** No further relevant information available.

· **10.6 Hazardous decomposition products:** No dangerous decomposition products known

SECTION 11: Toxicological information

· **11.1 Information on toxicological effects**

· **Acute toxicity** Based on available data, the classification criteria are not met.

· **Primary irritant effect:** Based on available data, the classification criteria are not met.

· **Skin corrosion/irritation** Based on available data, the classification criteria are not met.

(Contd. on page 5)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 12.08.2020

Version number 8

Revision: 12.08.2020

Trade name D1 Speed

(Contd. of page 4)

- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Waste disposal key number:** 57303
Bez.: Kunststoffdispersionen oder -emulsionen
Entsorgungshinweise:
Chemisch-physikalische Behandlung
Sonderabfallverbrennung
- **Uncleaned packagings:**
- **Recommendation:** Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.
- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

GB

(Contd. on page 6)

Safety data sheet
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Printing date 12.08.2020

Version number 8

Revision: 12.08.2020

Trade name D1 Speed

(Contd. of page 5)

SECTION 14: Transport information

· 14.1 UN-Number · ADR, ADN, IMDG, IATA	Void
· 14.2 UN proper shipping name · ADR, ADN, IMDG, IATA	Void
· 14.3 Transport hazard class(es) · ADR, ADN, IMDG, IATA · Class	Void
· 14.4 Packing group · ADR, IMDG, IATA	Void
· 14.5 Environmental hazards: · Marine pollutant:	No
· 14.6 Special precautions for user	Not applicable.
· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
· Transport/Additional information:	Not dangerous according to the above specifications.
· UN "Model Regulation":	Void

SECTION 15: Regulatory information

· 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	
· DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II	
None of the ingredients is listed.	
· 15.2 Chemical safety assessment:	A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Department issuing data specification sheet:	Environment protection department.
· Abbreviations and acronyms:	RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) ICAO: International Civil Aviation Organisation ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods

(Contd. on page 7)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 12.08.2020

Version number 8

Revision: 12.08.2020

Trade name D1 Speed

(Contd. of page 6)

IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative

**- * Data compared to the
previous version altered.**

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