

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 08.10.2018

Version number 21

Revision: 27.09.2018

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

- . **1.1 Product identifier**
- . **Trade name:** BOSTIK LEGNO POLIURETANICA BOT 250G\*12 IT
- . **CAS Number:**  
9016-87-9
- . **EC number:**  
202-966-0
- . **Registration number** 01-2119457024-46
- . **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** Adhesive
- . **1.3 Details of the supplier of the safety data sheet**
- . **Manufacturer(1)/Supplier(2):**  
1  
Bison International  
Dr.A.F.Philipsstraat 9  
NL-4462 EW Goes  
PO Box 160  
NL-4460 AD Goes  
tel. +31 88 3235700  
fax. +31 88 3235800  
e mail: sds@boltonadhesives.com
- . **Further information obtainable from:** Bison QESH
- . **1.4 Emergency telephone number:** +31 88 3235700

### SECTION 2: Hazards identification

- . **2.1 Classification of the substance or mixture**
- . **Classification according to Regulation (EC) No 1272/2008**



GHS08 health hazard

- Resp. Sens. 1 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- Carc. 2 H351 Suspected of causing cancer.
- STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.



GHS07

- Acute Tox. 4 H332 Harmful if inhaled.
- Skin Irrit. 2 H315 Causes skin irritation.
- Eye Irrit. 2 H319 Causes serious eye irritation.
- Skin Sens. 1 H317 May cause an allergic skin reaction.
- STOT SE 3 H335 May cause respiratory irritation.

- . **2.2 Label elements**
- . **Labelling according to Regulation (EC) No 1272/2008**  
The substance is classified and labelled according to the CLP regulation.

(Contd. on page 2)

EU-EN

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 08.10.2018

Version number 21

Revision: 27.09.2018

**Trade name:** BOSTIK LEGNO POLIURETANICA BOT 250G\*12 IT

(Contd. of page 1)

**Hazard pictograms**

GHS07 GHS08

**Signal word** Danger**Hazard-determining components of labelling:**

diphenylmethanediisocyanate, isomeres and homologues

**Hazard statements**

H332 Harmful if inhaled.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H317 May cause an allergic skin reaction.

H351 Suspected of causing cancer.

H335 May cause respiratory irritation.

H373 May cause damage to organs through prolonged or repeated exposure.

**Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P260 Do not breathe vapours.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER/doctor.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P501 Dispose of contents/container in accordance with national regulations.

**==>> Labelling of packages where the contents do not exceed 125 ml****Hazard pictograms**

GHS07 GHS08

**Signal word** Danger**Hazard-determining components of labelling:**

diphenylmethanediisocyanate, isomeres and homologues

**Hazard statements**

H332 Harmful if inhaled.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H317 May cause an allergic skin reaction.

H351 Suspected of causing cancer.

H335 May cause respiratory irritation.

H373 May cause damage to organs through prolonged or repeated exposure.

**Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P260 Do not breathe vapours.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

(Contd. on page 3)

EU-EN



## Safety data sheet

### according to 1907/2006/EC, Article 31

Printing date 08.10.2018

Version number 21

Revision: 27.09.2018

**Trade name:** BOSTIK LEGNO POLIURETANICA BOT 250G\*12 IT

(Contd. of page 2)

- P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER/doctor.
- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- P501 Dispose of contents/container in accordance with national regulations.

**2.3 Other hazards****Results of PBT and vPvB assessment**

- PBT:** Not applicable.
- vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

**3.1 Substances****CAS No. Description**

- 9016-87-9 diphenylmethanediisocyanate, isomeres and homologues

**Identification number(s)**

- EC number:** 202-966-0

**Dangerous components:** Void

### SECTION 4: First aid measures

**4.1 Description of first aid measures****General information:**

- Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

**After inhalation:**

- Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

In case of unconsciousness place patient stable in side position for transportation.

- After skin contact:** Immediately wash with water and soap and rinse thoroughly.

**After eye contact:**

- Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

- After swallowing:** Do not induce vomiting; call for medical help immediately.

**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 extinguishing methods suitable to surrounding conditions.

**5.2 Special hazards arising from the substance or mixture**

- During heating or in case of fire poisonous gases are produced.

**5.3 Advice for firefighters**

- Protective equipment:** Mount respiratory protective device.

EU-EN

(Contd. on page 4)



## Safety data sheet

### according to 1907/2006/EC, Article 31

Printing date 08.10.2018

Version number 21

Revision: 27.09.2018

**Trade name:** BOSTIK LEGNO POLIURETANICA BOT 250G\*12 IT

(Contd. of page 3)

#### SECTION 6: Accidental release measures

##### 6.1 Personal precautions, protective equipment and emergency procedures

Mount respiratory protective device.

Wear protective equipment. Keep unprotected persons away.

##### 6.2 Environmental precautions: No special measures required.

##### 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

##### 6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

#### SECTION 7: Handling and storage

##### 7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

##### Information about fire - and explosion protection: Keep respiratory protective device available.

##### 7.2 Conditions for safe storage, including any incompatibilities

###### Storage:

**Requirements to be met by storerooms and receptacles:** No special requirements.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:** Keep receptacle tightly sealed.

##### 7.3 Specific end use(s) No further relevant information available.

#### SECTION 8: Exposure controls/personal protection

**Additional information about design of technical facilities:** No further data; see item 7.

##### 8.1 Control parameters

**Ingredients with limit values that require monitoring at the workplace:** Not required.

**Additional information:** The lists valid during the making were used as basis.

##### 8.2 Exposure controls

###### Personal protective equipment:

###### General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Store protective clothing separately.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes and skin.

**Respiratory protection:** Not required.

(Contd. on page 5)

EU-EN

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 08.10.2018

Version number 21

Revision: 27.09.2018

**Trade name:** BOSTIK LEGNO POLIURETANICA BOT 250G\*12 IT

(Contd. of page 4)

**Protection of hands:**

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**Material of gloves**

Recommended thickness of the material: &gt; 0,12 mm

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Nitrile rubber, NBR

**Penetration time of glove material**

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

For the mixture of chemicals mentioned below the penetration time has to be at least 10 minutes (Permeation according to EN 374 Part 3: Level 1).

**Eye protection:**

Tightly sealed goggles

**Body protection:** Use protective suit.**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties****General Information****Appearance:****Form:**

Liquid

**Colour:**

According to product specification

**Odour:**

Characteristic

**Odour threshold:**

Not determined.

**pH-value:**

Not determined.

**Change in condition****Melting point/freezing point:**

&lt;0 °C

**Initial boiling point and boiling range:**

190 °C

**Flash point:**

&gt;110 °C

**Flammability (solid, gas):**

Not applicable.

**Ignition temperature:**

400 °C

**Decomposition temperature:**

Not determined.

**Auto-ignition temperature:**

Not determined.

**Explosive properties:**

Product does not present an explosion hazard.

(Contd. on page 6)

EU-EN



## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 08.10.2018

Version number 21

Revision: 27.09.2018

**Trade name:** BOSTIK LEGNO POLIURETANICA BOT 250G\*12 IT

(Contd. of page 5)

<b>. Explosion limits:</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
<b>. Vapour pressure at 25 °C:</b>	0.0002 hPa
<b>. Density at 20 °C:</b>	1.13 g/cm <sup>3</sup>
<b>. Relative density</b>	Not determined.
<b>. Vapour density</b>	Not determined.
<b>. Evaporation rate</b>	Not determined.
<b>. Solubility in / Miscibility with water:</b>	Not miscible or difficult to mix.
<b>. Partition coefficient: n-octanol/water:</b>	Not determined.
<b>. Viscosity:</b>	
<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	Not determined.
<b>. 9.2 Other information</b>	All relevant physical data were determined for the mixture. All non-determined data are not measurable or not relevant for the characterization of the mixture.

### 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**  
Reacts with alcohols.  
Reacts with water.  
Reacts with alkali, amines and strong acids.
- . 10.4 Conditions to avoid** No further relevant information available.
- . 10.5 Incompatible materials:** No further relevant information available.
- . 10.6 Hazardous decomposition products:** Danger of forming toxic pyrolysis products.

### SECTION 11: Toxicological information

- . 11.1 Information on toxicological effects**
- . Acute toxicity**  
Harmful if inhaled.
- . Primary irritant effect:**
- . Skin corrosion/irritation**  
Causes skin irritation.
- . Serious eye damage/irritation**  
Causes serious eye irritation.
- . Respiratory or skin sensitisation**  
May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
May cause an allergic skin reaction.

(Contd. on page 7)

EU-EN



## Safety data sheet

### according to 1907/2006/EC, Article 31

Printing date 08.10.2018

Version number 21

Revision: 27.09.2018

**Trade name:** BOSTIK LEGNO POLIURETANICA BOT 250G\*12 IT

(Contd. of page 6)

- . **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- . **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- . **Carcinogenicity**  
Suspected of causing cancer.
- . **Reproductive toxicity** Based on available data, the classification criteria are not met.
- . **STOT-single exposure**  
May cause respiratory irritation.
- . **STOT-repeated exposure**  
May cause damage to organs through prolonged or repeated exposure.
- . **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:** Not hazardous for water.
- . **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 together with household garbage. Do not allow product to reach sewage system.
- . **Uncleaned packaging:**
- . **Recommendation:**  
Disposal must be made according to official regulations.  
Packagings that may not be cleansed are to be disposed of in the same manner as the product.

### SECTION 14: Transport information

- |  |      |
|--|------|
| . <b>14.1 UN-Number</b>                  |      |
| . <b>ADR/ADN, ADN, IMDG, IATA</b>        | Void |
| . <b>14.2 UN proper shipping name</b>    |      |
| . <b>ADR/ADN, ADN, IMDG, IATA</b>        | Void |
| . <b>14.3 Transport hazard class(es)</b> |      |
| . <b>ADR/ADN, ADN, IMDG, IATA</b>        |      |
| . <b>Class</b>                           | Void |

(Contd. on page 8)

EU-EN





## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 08.10.2018

Version number 21

Revision: 27.09.2018

**Trade name:** BOSTIK LEGNO POLIURETANICA BOT 250G\*12 IT

(Contd. of page 7)

. <b>14.4 Packing group</b> . <b>ADR/ADN, IMDG, IATA</b>	Void
. <b>14.5 Environmental hazards:</b> . <b>Marine pollutant:</b>	No
. <b>14.6 Special precautions for user</b>	Not applicable.
. <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.
. <b>Transport/Additional information:</b>	
. <b>IMDG</b> . <b>Remarks:</b>	Under certain conditions substances in Class 3 (flammable liquids) can be classified in packinggroup III. See IMDG, Part 2, Chapter 2.3, Paragraph 2.3.2.2
. <b>UN "Model Regulation":</b>	Void

### SECTION 15: Regulatory information

- . **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
  - . **Directive 2012/18/EU**
  - . **Named dangerous substances - ANNEX I** Substance is not listed.
  - . **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3
- . **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.
- . **Department issuing SDS:** Bison QESH
- . **Contact:** Reach coördinator
- . **Abbreviations and acronyms:**

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  
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  
Acute Tox. 4: Acute toxicity – Category 4  
Skin Irrit. 2: Skin corrosion/irritation – Category 2  
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

(Contd. on page 9)

EU-EN





6303473 - BOSTIK LEGNO POLIURETANICA BOT 250G\*12 IT

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

Printing date 08.10.2018

Version number 21

Revision: 27.09.2018

**Trade name:** BOSTIK LEGNO POLIURETANICA BOT 250G\*12 IT

Resp. Sens. 1: Respiratory sensitisation – Category 1  
Skin Sens. 1: Skin sensitisation – Category 1  
Carc. 2: Carcinogenicity – Category 2  
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3  
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2  
\* **Data compared to the previous version altered.**

(Contd. of page 8)

EU-EN