

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

1.1. Product identifier

GLUE STICKS, black 1 609 201 221 / 2 607 001 178

Other trade names

Bosch:

1 609 201 221 / 2 607 001 178

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

Use of the substance/mixture

Construction adhesive

1.3. Details of the supplier of the safety data sheet

Company name: Robert Bosch Power Tools GmbH
PT/EEI
70538 Stuttgart / GERMANY
Address: www.bosch-pt.com
Internet:

Responsible for the safety data sheet: sds@gbk-ingelheim.de

1.4. Emergency telephone number: INTERNATIONAL: +49 (0) 6132 84463, GBK GmbH (24 h – 7 d/w – 365 d/y)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification in acc. with Regulation (EC) No. 1272/2008 [CLP]

The mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

2.2. Label elements Note

regarding the label

The product does not require a label in accordance with EC directives/the applicable national laws.

2.3. Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterisation

Ethylene/vinyl acetate copolymer

SECTION 4: First aid measures

4.1. Description of first aid measures General

information

Contaminated, soaked clothing must be removed immediately. In the event of discomfort, seek medical advice.

After inhalation

Following inhalation of vapours or decomposition products in the event of an accident, move exposed persons to fresh air. If symptoms occur, seek medical attention.

After skin contact

In the event of contact with hot molten adhesive, cool the affected area with water and seek medical attention.

After eye contact

In the event of contact with hot molten adhesive, cool the affected area with water and seek medical attention.

After swallowing

Rinse out the mouth and drink plenty of water. Do not induce vomiting. Consult a doctor.

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

None known.

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

Treat symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing

media Suitable

extinguishing media

Foam, carbon dioxide (CO₂), dry powder.

Firefighting measures must be adjusted for fires in surrounding areas.

Unsuitable extinguishing media

Water jet.

5.2. Special hazards arising from the substance or mixture

In the event of a fire, the following hazards could arise:

Irritating/corrosive, flammable or poisonous low temperature carbonisation gases.

5.3. Advice for firefighters Use self-contained breathing apparatus. Wear protective clothing.

Additional notes

Cool endangered containers with water spray jet.

Fire residues and contaminated extinguishing water must be disposed of in accordance with local official regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing. Ensure sufficient ventilation.

Wear personal protective equipment

6.2. Environmental precautions

Do not allow the product to be released into the drains, surface water or ground water.

6.3. Methods and material for containment and cleaning up

Allow the product to harden.

Collect it mechanically and dispose of it in suitable containers.

6.4. Reference to other sections Comply with protection regulations (see Section 7 and 8). For information regarding disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling Hygiene

measures:

Wash hands prior to breaks in work and after finishing work.

Do not eat, drink or smoke during work.

Information regarding fire and explosion protection

No special fire protection measures required.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store containers closed tightly in a dry, cool and well-ventilated place. Storage room temperature between 5°C/40°F and 30°C/85°F.

Other information regarding storage conditions

Keep away from food, drinks and animal feed.

7.3. Specific end use(s) Construction adhesive

SECTION 8: Exposure controls/personal protection

8.1. Control parameters Additional information regarding limit values

Occupational Exposure Limits

Applicable for Germany:

Constituent [regulated substance group]	ppm	mg/m3	Value type	Short term value category / comment	Legal list
[GENERAL DUST LIMIT VALUE, INHALABLE FRACTION]			Category for short term values	Category II: Substances with a resorptive effect.	TRGS 900
[general dust limit value, alveolar fraction]		1.25	OEL:	If the OEL and the BEL are complied with, there is no need to be concerned about foetal damage (see Number 2.7).	TRGS 900
[General dust limit value, inhalable fraction]		10	OEL	2 If the OEL and the BEL are complied with, there is no need to be concerned about foetal damage (see Number 2.7).	TRGS 900

Biological Exposure Limit (BEL):

none

8.2. Exposure controls/personal protection

Appropriate engineering controls

Ensure sufficient ventilation, particularly in enclosed rooms.

Protection and hygiene measures

Wash hands prior to breaks in work and when finishing work. Do not eat, drink or smoke during use. Avoid contact with skin, eyes and clothing.

Remove contaminated clothing and wash it before reusing it.

Eye/face protection

Safety goggles with side shields (EN 166).

Hand protection

Wear heat-repelling protective gloves when handling hot melted product (EN 407)

Body protection

Protective clothing should comply with EN 14605 for protection against liquid splashes or with EN 13982 for protection against dust.

Breathing protection

In the event of dust generation, wearing suitable breathing protection with particle filter P (EN 14387) is recommended.

This recommendation should be adjusted to suit the specific conditions on-site.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Solid
Delivery state	Solid
Colour	Black
Odour	Aromatic
Melting point	60 – 150 °C (140 – 302 °F)
Solidification temperature	Not applicable, as the product is a solid
Initial boiling point	Not applicable, decomposes before reaching its boiling point



Flammability	The product is not combustible
Explosive limits	Not applicable, as the product is a solid
Flash point	Not applicable, as the product is a solid
Auto-ignition temperature	Not applicable, as the product is a solid
Decomposition temperature	Not applicable, as the substance/mixture is not self-reactive, is not an organic peroxide and does not decompose under the intended usage conditions
pH value	Not applicable, as the product does not dissolve in water
Viscosity (kinematic)	Not applicable, as the product is a solid
Viscosity (dynamic) (Brookfield; device: RVT; 160 °C (320 °F); rot.freq.: 5 min-1; spindle no.: 27; conc.: 100% product)	12,500 – 30,000 mPa.S TE1002-208; viscosity according to Brookfield
Solubility (qualitative) (20 °C (68 °F); solvent: Water)	Insoluble
Partition coefficient: n-octanol/water	Not applicable Mixture
Vapour pressure (20 °C (68 °F))	< 0.1 hPa
Density (20 °C (68 °F))	1 g/cm3, no method
Relative vapour density	Not applicable, as the product is a solid
Particle properties	Maximum grain size < 1 mm, weight-based calculation method

9.2. Other information

No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No decomposition if stored and used properly.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

None known if used properly



10.5. Incompatible materials

No particularly noteworthy substances.

10.6. Hazardous decomposition products

No decomposition if used properly.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Based on available data, the classification criteria are not met. No toxicological data is available.

Irritation and corrosion

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

Sensitising effects

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

STOT – single exposure

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

Severe effects following repeated or extended exposure

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

Carcinogenicity, mutagenicity and reproductive toxicity

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

Aspiration hazard

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

Other information about tests

Classification was made in accordance with the calculation methods of Regulation (EC) No. 1272/2008.

Practical findings

Other observations

With proper handling and compliance with generally applicable hygiene regulations, no harmful effects on health have been identified.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicological data is not available.

12.2. Persistence and degradability No

data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

In accordance with Regulation (EC) No. 1907/2006 (REACH), this product does not contain any PBT/vPvB substances.

12.6. Other adverse effects

No data available.

Additional notes

Do not allow the product to be released into surface water or drains.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recommendation

Can be incinerated, subject to local official regulations. Recycling is preferable to disposal.

Product waste code

080410 Wastes from the manufacture, formulation, supply and use (MFSU) of coatings (paints, varnishes and vitreous enamels), adhesives, sealants and printing inks; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants other than those mentioned in 08 04 09

Disposal of uncleaned packaging and recommended cleaning agents

Deliver empty containers for local re-use, recycling or waste disposal.

Contaminated packaging must be emptied as far as possible, and can then be delivered for reuse after appropriate cleaning.

Packaging that cannot be cleaned must be disposed of in the same way as the substance itself.

SECTION 14: Transport information

Overland transport (ADR/RID); maritime transport (IMDG); air transport (ICAO-TI/IATA-DGR); inland waterway transport (ADN)

14.1. UN number:

Not a hazardous substance according to transport regulations. **14.2. UN proper shipping name:** Not a

hazardous substance according to transport regulations. **14.3. Transport hazard class(es):**

Not a hazardous substance according to transport regulations.

14.4. Packing group:

Not a hazardous substance according to transport regulations.

14.5. Environmental hazards

Not a hazardous substance according to transport regulations.

14.6. Special precautions for user

Not a hazardous substance according to transport regulations.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Not a hazardous substance according to transport regulations.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulations

EC 649/2012 Not applicable

REACH SVHC for Authorisation, Art. 59 Not applicable

National regulations

Störfallverordnung (German Major Accidents Ordinance): Not regulated.

Catalogue number acc. to StörfallVO: Quantity threshold: Technical Does not fall under the technical instructions on air quality

instructions on air quality I: 1 – slightly hazardous to water

Amount: Water hazard class: Mixing rule in acc. with VwVwS (Administrative Regulation on Substances Hazardous to Waters), Appendix 4, No. 3

15.2. Chemical safety assessment

No substance safety assessment has been carried out for this substance.

SECTION 16: Other information

Abbreviations and acronyms

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route

RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses

ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure

IMDG = International Maritime Code for Dangerous Goods

IATA/ICAO = International Air Transport Association / International Civil Aviation

Organization MARPOL = International Convention for the Prevention of Pollution from Ships



IBC-Code = International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

REACH = Registration, Evaluation, Authorization and Restriction of Chemicals

CAS = Chemical Abstract Service

EN = European norm

ISO = International Organization for Standardization

DIN = Deutsche Industrie Norm

PBT = Persistent Bioaccumulative and Toxic

LD = Lethal dose

LC = Lethal concentration

EC = Effect concentration

IC = Median immobilisation concentration or median inhibitory concentration

Other information

The information for Item 4 to 8 and 10 to 12 refers to some extent not to the proper use and application of the product (see instructions for use and expert information) but instead to the release of large quantities in the event of accidents or irregularities.

The information exclusively describes the safety requirements for the product(s) and is based on our current level of knowledge.

The delivery specification can be found in the relevant product data sheets.

It does not constitute a guarantee of the properties of the described product(s) in accordance with the statutory warranty regulations.

(n.a. – not applicable, n.d. – not determined)

(The data for the hazardous ingredients has been taken from the latest valid safety data sheet from the previous supplier.)