

Date: 2022-02-22 **Former date:** 2021-03-22

This data sheet contains changes from the previous version ""

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

- 1.1 **Product identifier / Commercial Product Name:** B/S Spange Glue
- 1.2 **Relevant identified uses of the substance or mixture and uses advised against:** None known.
- * **Use of the Substance/Preparation:** B/S Spange
- Material number:** 020111
- Chemical nature of the preparation:** Cyanoacrylate adhesive with functional additives
- 1.3 **Details of the manufacturer / supplier of the safety data sheet:**
 Bernd Stolz GmbH, Fuggerstr. 36 a, 92224 Amberg, Germany
 Telephone: + 49 9621 22188 Telefax: + 49 9621 21048
Contact Person: Mr. Bernd Stolz, eMail: info@bs-spange.de
Responsible for the safety data sheet:
 CHEMCO123 @ – Chemical Consultancy, graduate chemist Rosemarie Fechner, Telephone: 05254 9575 05
 e-mail address: info@chemco123.de
- 1.4 **Emergency telephone number Germany:**
 Poison Control Centre: +49 30 19240 (with costs) eMail: mail@giftnotruf.de / mail@bbges.de
Emergency telephone number manufacturer: + 49 9621 22188

SECTION 2: Hazards identification

- 2.1 **Classification of the substance or mixture: :**
Classification according to Regulation (EC) 1272/2008:
 The product does not need to be labelled.
SUPPLEMENTAL HAZARD INFORMATION:
 Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
 Continue rinsing. Get medical advice/attention.
- 2.2 **Label elements according to Regulation (EC) 1272/2008**
 None.
- 2.3 **Other hazards:**
Human experience:
 Repeated contact may cause allergic reactions in very susceptible persons.
Aquatic environment
 None. Not water endangering.
 Persistent, bioaccumulative and toxic substances (PBT-substances): None.
 Very persistent and very bioaccumulative substances (vPvB-substances): None.

SECTION 3: Composition/information on ingredients

- 3.1. **Substances:** Not applicable.
- 3.2 **Mixtures: Dangerous Ingredients**
 None.

SECTION 4: First aid measures

- 4.1 **Description of first aid measures:**
General advice:
 Show this safety data sheet to the doctor in attendance.
Inhalation:
 Move to fresh air.
 If symptoms persist, call a physician.
Skin contact:
 Do not pull solidified product from skin violently.
 Wash off with soap and warm water.
 In the case of skin irritation or allergic reactions see a physician.
Eye contact:
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
 Continue rinsing. Get medical advice/attention.

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Do not induce vomiting.

Consult a physician if necessary.

4.2 **Most important symptoms and effects, both acute and delayed:**

None.

4.3 **Indication of any immediate medical attention and special treatment needed:**

Treat symptomatically.

SECTION 5: Firefighting measures5.1 **Extinguishing media:****Suitable extinguishing media:** Use dry chemical, CO₂, water spray or "alcohol" foam.**Unsuitable extinguishing media:** None.5.2 **Special hazards arising from the substance or mixture:**

In the event of fire the following can be released: Hydrogen cyanide (hydrocyanic acid), carbon oxides and nitrogen oxides.

5.3 **Advice for firefighters:**

Cool containers / tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Special protective equipment for firefighters:

Special protective equipment for firefighters:

SECTION 6: Accidental release measures6.1 **Personal precautions, protective equipment and emergency procedures:**6.1.1 *For non-emergency personnel:*

Use personal protective equipment. Ensure adequate ventilation. Keep away from sources of ignition - No smoking. Avoid contact with skin and eyes. Sweep up to prevent slipping hazard. Soak up with inert absorbent material.

6.1.2 *For emergency responders:*

Use personal protective equipment. Ensure adequate ventilation. Keep away from sources of ignition - No smoking. Avoid contact with skin and eyes.

6.2 **Environmental precautions:**

Do not flush into surface water or sanitary sewer system. Soak up with inert absorbent material (universal binder). Shovel into suitable container for disposal.

6.3 **Methods and material for containment and cleaning up:**6.3.1 *Methods and material for containment:*

Soak up with inert absorbent material (universal binder) or leave adhesive to cure completely. Shovel into suitable container for disposal.

6.3.2 *Methods and material for cleaning up:*

No special precautions required.

6.3.3 **Inappropriate containment or clean-up techniques:**

None.

6.4 **Reference to other sections:**

See section 8 / 13.

SECTION 7: Handling and storage7.1 **Precautions for safe handling:**7.1.1 **Recommendations shall be specified to:**

Persons allergic to isocyanates, and particularly those suffering from asthma or other respiratory conditions, should not work with cyanacrylates. Avoid contact with skin and eyes. Keep container tightly closed in a cool, well-ventilated place. Ensure adequate ventilation, especially in confined areas.

7.1.2 **Advice on general occupational hygiene shall be provided:**

Avoid contact with skin and eyes. Remove and wash contaminated clothing before re-use. When using do not eat or drink. When using do not smoke.

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

Keep container tightly closed in a cool, well-ventilated place. Protect against humid air and water.

Keep away from strongly alkaline materials, amines and alcohols in order to avoid exothermic reactions.

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The product is flammable. Normal measures for preventive fire protection.

Keep away from sources of ignition - No smoking.

* 7.3

Specific end use(s):

B/S Spange.

SECTION 8: Exposure controls/personal protection

- 8.1 **Control parameters:**
CAS / Material Limit Value according to TRGS 900/ EC Guideline 2000/39:
 None.
- 8.2 **Exposure controls:**
 None.
- 8.2.1 **Appropriate engineering controls:**
 Ensure adequate ventilation, especially in confined areas.
- 8.2.2 **Personal Protective Equipment**
Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment. Filter B
Hand Protection:
Excessive exposure: Protective gloves (Butyl rubber) according to EN 374.
 Break through time: > 480 Min. Glove thickness: 0,7 mm / Level 6.
Short time exposure: Protective gloves according to EN 374. (Butyl rubber).
 Break through time: > 30 Min. Glove thickness: 0,4 mm / Level 2.
 Refer to manufacturer of gloves for detailed information.
Eye Protection: Tightly fitting safety goggles according to EN 166.
Skin Protection: long sleeved clothing
Further Information: Choose body protection according to the amount and concentration of the dangerous substance at the work place.
Thermal hazards: None.
- 8.2.3 **Environmental exposure controls:** None.

SECTION 9: Physical and chemical properties

- 9.1 **Information on basic physical and chemical properties:**
- Appearance:** viscous liquid
Colour: colourless
Odour: like cyanacrylate
Odour threshold: no data available
- Safety Relevant Data**
- pH.: (undiluted): no data available
 Boiling point/range: (°C): no data available
 Melting point/range : (°C): not applicable
 Flash point (°C): 74-76
 Evaporation Rate: no data available
 Flammability (solid, gas): The product is flammable.
 Upper/lower flammability or explosive limits: not applicable, not applicable
 Vapour pressure: no data available
 Vapour density ((Air = 1.0)): no data available
 Relative density (g/cm³): 1,06
 Water solubility: insoluble
 Soluble in: Not relevant
 Fat solubility: not applicable
 Partition coefficient (n-octanol/water): no data available
 Auto-ignition: on combustible substances
 Decomposition temperature ° C: no data available
 Viscosity: no data available
 Oxidising properties: not applicable

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9.2	Explosive properties:	not applicable
	Solvent (Weight %):	not applicable
	VOC (g / kg):	not applicable
	Other information:	
	Thermal decomposition (°C):	no data available
	Vapour density (Air = 1):	no data available
	Evaporation rate:	no data available

SECTION 10: Stability and reactivity

10.1	Reactivity: Under specific conditions (10.3) exothermic polymerisation).
10.2	Chemical stability: Stable at normal conditions
10.3	Possibility of hazardous reactions: Keep away from strongly alkaline materials, amines, alcohols an water to avoid exothermic reactions.
10.4	Conditions to avoid: Protect from moisture and water.
10.5	Incompatible materials: Combustable materials. (Auto-ignition)
10.6	Hazardous decomposition : Hydrogen cyanide (hydrocyanic acid).

SECTION 11: Toxicological information

11.1	Information on toxicological effects
11.1.1	Substances
	Acute toxicity 2-Methoxyethyl-2-cyanacrylate:
	LC50/inhalation/4h/rat = no data available
	LD50/oral/rat = > 5000
	LD50/dermal/rat = > 2000
	Skin corrosion/irritation None.
	Serious eye damage/irritation None.
	Respiratory or skin sensitisation Repeated contact may cause allergic reactions in very susceptible persons.
	Germ cell mutagenicity None.
	Carcinogenicity None.
	Reproductive toxicity None.
	STOT-single exposure None.
	STOT-repeated exposure None.
	Aspiration hazard None
11.1.2	Mixtures
	Acute toxicity
	LC50/inhalation/4h/rat = no data available
	LD50/oral/rat = > 5000
	LD50/dermal/rat = > 2000
	Irritation (eye): None.
	Corrosivity: None.
	Sensitisation: Repeated contact may cause allergic reactions in very susceptible persons.
	Repeated dose toxicity: None.
	Carcinogenicity: None.
	Mutagenicity: None.
	Toxicity for reproduction None.
* 11.2.1	Endocrine disrupting properties: No data available.
*11.2.2	Other information: No data available..

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SECTION 12: Ecological information

- 12.1 **Toxicity:**
Not water endangering.
- 12.2 **Persistence and degradability:**
May be separated mechanically in waste water plants.
- 12.3 **Bioaccumulative potential:**
Does not bioaccumulate.
- 12.4 **Mobility in soil:**
Does not bioaccumulate.
- 12.5 **Results of PBT and vPvB assessment:**
Persistent, bioaccumulative and toxic substances (PBT-substances): None.
Very persistent and very bioaccumulative substances (vPvB-substances): None.
- * 12.6 **Endocrine harmful properties:**
No data available.
- * 12.7 **Other adverse effects**
No data available.No data is available on the product itself.

SECTION 13: Disposal considerations

- 13.1 **Waste treatment methods:**
Methods of waste treatment of both the substance or mixture and any contaminated packaging
Suggestions: Dispose of contents / container to a recognized disposal company.
 Waste disposal number: 08 04 99 – wastes, n.o.s. (Decision according to 2014/955/EU)
 B/S Spange Basic Pinselkleber (in the hardened state) can be disposed of or incinerated together with household refuse in accordance with the regulations after consultation with the disposal agency and the relevant authorities.

SECTION 14: Transport information

Transportation according to ADR/GGVS, IMDG/GGVSee and IATA-DGR/ICAO-TI:
 Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code, ICAO/IATA-DGR ADR/RID

SECTION 15: Regulatory information

- 15.1 **Safety, health and environmental regulations/legislation specific for the substance or mixture**
 Compliance with occupational safety, Regulation (EC) 1223/2009 (cosmetics): No
 Regulation (EC) 1005/2009: not applicable.
 Regulation (EC) 850/2004: not applicable..
 Regulation (EC) 649/2012: not applicable..
 Directive 96/82/EC: applicable.
 Regulation (EC) No 648/2004 on detergents: not applicable
- 15.2 **Chemical safety assessment:** not applicable

SECTION 16: Other information

H - Phrases:

None.

Further information to work out the Data sheet:

Data of the producer.

* Abbreviations:

UFI - Code = Unique Formula Identifier Code

Regulations:

Regulation (EC) 1005/2009: Substances that deplete the ozone layer

Regulation (EC) 850/2004: Persistent organic pollutants

Regulation (EC) 649/2012: Export and import of dangerous chemicals

The statements in this Material Safety Data Sheet were made to the best of our knowledge and are as accurate as possible. They are given for information only. They do not constitute a contractual guarantee of a product's properties. They must neither be altered nor transferred to other products.

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