



Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 20.01.2012

Version number 120

Revision: 20.01.2012

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

- . **Product identifier**
- . **Trade name:** Super Glue Liquid
- . **Relevant ic:** Super Glue Tipper® Liquid
- . **Application of the substance / the preparation** Adhesive
- . **Details of the supplier of the safety data sheet**
- . **Manufacturer/Supplier:**
Bison International
Dr.A.F.Philipsstraat 9
NL-4462 EW Goes
PO Box 160
NL-4460 AD Goes
tel. +31 113 235700
fax. +31 113 235800
e mail: msds@bison.boltongroup.nl
- . **Further information obtainable from:** Bison QESH
- . **Emergency telephone number:** +31 113 235700

2 Hazards identification

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



GHS07

Skin Irrit. 2 H315 Causes skin irritation.
Eye Irrit. 2 H319 Causes serious eye irritation.
STOT SE 3 H335 May cause respiratory irritation.

- . **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**



Xi; Irritant

R36/37/38: Irritating to eyes, respiratory system and skin.

- . **Information concerning particular hazards for human and environment:**
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- . **Classification system:**
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

- . **Label elements**

- . **Labelling according to EU guidelines:**

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

- . **Code letter and hazard designation of product:**

Xi Irritant

- . **Risk phrases:**

36/37/38 Irritating to eyes, respiratory system and skin.

- . **Safety phrases:**

23 Do not breathe vapour.
24/25 Avoid contact with skin and eyes.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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- . **Special labelling of certain preparations:**
Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.
- . **Other hazards**
- . **Results of PBT and vPvB assessment**
- . **PBT:** Not applicable.
- . **vPvB:** Not applicable.

* 3 Composition/information on ingredients

- . **Mixtures**
- . **Description:** Adhesive
- . **Dangerous components:**
CAS: 7085-85-0 ethyl 2-cyanoacrylate 50-100%
EINECS: 230-391-5 Xi R36/37/38
 Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335
- . **Additional information:**
For the wording of the listed risk phrases refer to section 16.

4 First aid measures

- . **Description of first aid measures**
- . **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.
Do not tear cured product off the skin.
- . **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.
- . **Information for doctor:**
- . **Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- . **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Firefighting measures

- . **Extinguishing media**
- . **Suitable extinguishing agents:**
CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- . **Special hazards arising from the substance or mixture**
No further relevant information available.
- . **Advice for firefighters**
- . **Protective equipment:** No special measures required.

* 6 Accidental release measures

- . **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
- . **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- . **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

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Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.

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.

7 Handling and storage

Handling:

Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.
Open and handle receptacle with care.

Information about fire - and explosion protection: No special measures required.

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

8 Exposure controls/personal protection

Additional information about design of technical facilities:

No further data; see item 7.

Control parameters

Ingredients with limit values that require monitoring at the workplace:

7085-85-0 ethyl 2-cyanoacrylate

WEL () Short-term value: 1.5 mg/m³, 0.3 ppm

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

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.
Do not inhale gases / fumes / aerosols.
Avoid contact with the eyes and skin.

Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device. Suitable respiratory protective device recommended.

Use suitable respiratory protective device in case of insufficient ventilation.

Protection of hands:



Protective gloves

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

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

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

Material of gloves

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

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material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

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

For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:

PVC or PE gloves

Eye protection:

Safety glasses



Tightly sealed goggles

Body protection: Use protective suit.

9 Physical and chemical properties

Information on basic physical and chemical properties

General Information

Appearance:

Form:

Liquid

Colour:

Transparent

Odour:

Characteristic

Change in condition

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: 60°C

Flash point:

> 55°C

Self-igniting:

Product is not selfigniting.

Danger of explosion:

Product does not present an explosion hazard.

Density:

Not determined.

Solubility in / Miscibility with

water:

Not miscible or difficult to mix.

Solids content:

100.0 %

Other information

No further relevant information available.

10 Stability and reactivity

Reactivity

Chemical stability

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

Possibility of hazardous reactions

Reacts violently with water.

May produce violent reactions with bases and numerous organic substances including alcohols and amines.

Conditions to avoid No further relevant information available.

Incompatible materials: No further relevant information available.

Hazardous decomposition products: Danger of forming toxic pyrolysis products.

11 Toxicological information

Information on toxicological effects

Acute toxicity:

Primary irritant effect:

on the skin: Irritant to skin and mucous membranes.

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- . **on the eye:** Irritating effect.
- . **Sensitization:** No sensitizing effects known.
- . **Additional toxicological information:**
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
Irritant

* 12 Ecological information

- . **Toxicity**
- . **Aquatic toxicity:** No further relevant information available.
- . **Persistence and degradability** No further relevant information available.
- . **Behaviour in environmental systems:**
- . **Bioaccumulative potential** No further relevant information available.
- . **Mobility in soil** No further relevant information available.
- . **Additional ecological information:**
- . **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- . **Results of PBT and vPvB assessment**
- . **PBT:** Not applicable.
- . **vPvB:** Not applicable.
- . **Other adverse effects** No further relevant information available.

13 Disposal considerations

- . **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.

* 14 Transport information

- . **UN-Number**
- . **ADR, ADN, IMDG, IATA** Void
- . **UN proper shipping name**
- . **ADR, ADN, IMDG, IATA** Void
- . **Transport hazard class(es)**
- . **ADR, ADN, IMDG, IATA**
- . **Class** Void
- . **Packing group**
- . **ADR, IMDG, IATA** Void
- . **Environmental hazards:**
- . **Marine pollutant:** No
- . **Special precautions for user** Not applicable.
- . **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.

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. **Transport/Additional information:**

. **IMDG**

. **Remarks:**

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

. **UN "Model Regulation":**

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* **15 Regulatory information**

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

. **Labelling according to EU guidelines:**

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

. **Code letter and hazard designation of product:**

Xi Irritant

. **Risk phrases:**

36/37/38 Irritating to eyes, respiratory system and skin.

. **Safety phrases:**

23 Do not breathe vapour.

24/25 Avoid contact with skin and eyes.

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

. **Special labelling of certain preparations:**

Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.

. **National regulations:**

. **Waterhazard class:**

Water hazard class 1 (Self-assessment): slightly hazardous for water.

. **Chemical safety assessment:**

A Chemical Safety Assessment has not been carried out.

* **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.

. **Relevant phrases**

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

R36/37/38 Irritating to eyes, respiratory system and skin.

. **Department issuing MSDS:** QESH Department

. **Contact:** Reach coördinator

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

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