



Material Safety Data Sheet RapidFix Adhesive

1- Chemical Product and Company Identification:

Boss Products USA

6470 Grand Haven Rd,
Norton Shores Michigan 49441 USA
Phone; 231-798-3600 FX; 231-798-3664
Web site; www.Rapid-Fix.com
Product Name: **RapidFix Adhesive**
Date revised: September 3rd 2011

Product Type: Cyanoacrylate Ester
Emergency Phone - 800-374-3586

2- Composition/Information on Ingredients:

Chemical characterization

Adhesive basing on cyanoacrylates.

Hazardous ingredients

ethyl-2-cyanoacrylate

EC no. 230-391-5 Index no. 607-236-00-9 CAS no. 7085-85-0
Concentration > 10 %-b.w.
Classification Xi; R36/37/38
Hazard symbols Xi R phrases 36/37/38

3- Hazards Identification:

Classification

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

Hazard symbols

Xi Irritant

R phrases

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

Particular information pertaining specific risk for human / environment

Cyanoacrylate. Bonds skin and eye lids within seconds.

4- First Aid Measures:

Ingestion:	Ingestion is unlikely. See supplemental section for emergency action.
Inhalation:	Remove to fresh air. If symptoms persist, obtain medical attention.
Skin contact:	Soak in warm water. Do not pull skin apart. See supplemental section for emergency action.
Eye contact:	Flush with warm water. If eyelids are bonded closed, release eyelashes with water by covering the eye with a wet pad. Do not force eye open. See supplemental section for emergency action.

5- Fire Fighting Measures:

Flash Point:	87°C, 189°F Tag Closed Cup
Extinguishing Media:	Foam, Dry Chemical or Carbon Dioxide
Unusual Fire or Explosion Hazards:	None.
Special Fire Fighting Procedures:	Wear self-contained breathing apparatus
Hazardous combustion products:	Trace amounts of toxic and/or irritating fumes may be released and the use of breathing apparatus is recommended.



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6-Accidental Release Measures

Steps to be taken in case of spill or leak: Do not use cloths for clean-up. Flood spilled material with water to polymerize. Cured material can be scraped up and disposed of as non-hazardous waste. Make sure spill area is well ventilated.

7- Storage and Handling

Handling

Advice on safe handling

Provide good ventilation of working area (local exhaust ventilation, if necessary). Open and handle container with care.

Advice on protection against fire and explosion

Keep away from sources of ignition - refrain from smoking.

Classification of fires

B

Storage

Requirements for storage rooms and vessels

Keep in original packaging, tightly closed.

Advice on storage assembly

Do not store with alkalies.

Further information on storage conditions

Keep container tightly closed in a cool, well-ventilated place.

8- Protective Equipment:

Exposure limit values

ethyl-2-cyanoacrylate

CAS no. 7085-85-0

EC no. 230-391-5

List of approved workplace exposure limits (WELs) / EH40

Ethyl cyanoacrylate

STEL 1,5 mg/m³ 0,3 ml/m³

Other information on the limit values

Valid for Great Britain

Personal protective equipment

Respiratory protection

If ventilation insufficient, use a respiratory protection apparatus. Short term: filter apparatus, Filter B

Hand protection

In case of intensive contact, wear protective gloves (EN 374). Sufficient protection is given wearing suitable protective gloves

checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective glove should be

tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties).

Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves.

Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent

use of protective gloves.

Appropriate Material Synthetic rubber

Eye protection

Safety glasses (EN 166)



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Skin protection

Light protective clothing

General protective and hygiene measures

Avoid contact with eyes and skin. At work do not eat, drink, smoke or take drugs. Wash hands before breaks and after work. Use barrier skin cream

9- Physical and Chemical Properties:

General information

Form liquid

Colour Various, depending on coloration

Odour characteristic

Important health, safety and environmental information

Changes in physical state

Type Boiling point

Value > 200 °C

Flash point

Value 87 °C

Method DIN 51758

Density

Value 1,05 - 1,09 g/cm³

Reference temperature 20 °C

Viscosity

Type dynamic

Value 2 - 20000 mPa*s

Reference temperature 25 °C

Remarks thixotropic

Solubility in water

Remarks essentially insoluble

10- Stability and Reactivity

Stability:

Stable under recommended storage conditions.

Hazardous Polymerization:

Rapid exothermic polymerization will occur in the presence of water, amines, alkalis and alcohols.

Incompatibility:

Polymerized by contact with water, alcohols, amines, and alkalis.

11- Toxicological Information

Irritant/corrosive effects

Irritant effect on skin

Species rabbit

Evaluation irritant

Irritant effect on eyes

Species rabbit

Evaluation irritant

Experience in practice

Sensitisation possible through inhalation.

Irritates the mucous membrane.



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12-Ecological Information

Other adverse effects

Do not discharge product unmonitored into the environment.

13- Disposal Considerations:

Remove in accordance with local official regulations.

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging

Packaging that cannot be cleaned should be disposed off as product waste.

14- Transportation Information:

Other information (chapter 14.)

No hazardous material as defined by the transport regulations.

15- Regulatory Information

Labeling in accordance with EC directives

The product is classified and labeled in accordance with EC Directive 1999/45/EC.

Hazard symbols

Xi Irritant

R phrases

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

S phrases

23.3 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.

51 Use only in well-ventilated areas.

Special labeling for certain preparations

Cyanoacrylate! Danger! Sticks skin and eyelids in seconds. Keep out of reach of children.

16- Other Information

Further information

The information is based on our current knowledge however it does not represent a guarantee of product properties nor does it

create any legal obligation.

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Sources of key data used to compile the data sheet:

EC Directive 67/548/EC resp. 99/45/EC as amended in each case.

Regulation (EC) No 1907/2006 (REACH) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC as amended in each case.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

Relevant R-phrases (chapter 3):

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