

Safety data-sheet (91/155 EEC)

Printed 05.10.2000
Revision 05.10.2000 (GB) Version 1.0

HISTOACRYL
10250HE0012

1. Identification of the substance/preparation

Name of product	HISTOACRYL
Manufacturer/distributor	AESCULAP AG & CO. KG Am AESCULAP-Platz, D-78532 Tuttlingen/Donau Phone ++49 74 61/ 95-2208, Fax ++49 74 61/ 95-2815

2. Composition/information on ingredients

Chemical characterization
One-component adhesive based on butylcyanoacrylate

Hazardous ingredients

CAS-No.	Name	[%]	Classification
006606-65-1	n-butyl-2-cyanoacrylate	> 90	XI R36/37/38

3. Special hazards information for man and environment

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

Special hazards information for humans and environment
Bonds skin and eyes in seconds

4. First aid measures

General information
Remove and wash contaminated clothing before re-use

In case of inhalation
Move to fresh air in case of accidental inhalation of fumes from overheating or combustion.
Refer for medical treatment.

In case of skin contact
Take away immediately by mechanical means.
Wash off with soap and plenty of water.
Consult a physician.

In case of eye contact
Rinse thoroughly with plenty of water, also under the eyelids.
Summon a doctor immediately.

In case of ingestion
The decision whether to induce vomiting or not is to be taken by a physician.
Summon a doctor immediately.

5. Fire-fighting measures

Suitable extinguishing material
Foam, carbon dioxide (CO₂), dry chemical, water-spray

Extinguishing material that may not be used for safety reasons
Full water jet

Special exposure hazards arising from the substance, combustible products or resulting gases
Fire may produce:
Carbon monoxide, carbon dioxide, sulfur oxides and nitrogen oxides (NO_x).

Special protective equipment for firefighters

Use breathing apparatus with independent air supply.

Additional information

Cool containers at risk with water spray jet.

6. Accidental release measures

Personal precautions

Avoid contact with skin, eyes and clothing.

Ensure adequate ventilation.

Use personal protective clothing.

Environmental precautions

Do not discharge into the drains or bodies of water.

Methods for cleaning up/taking up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder).

Where possible recycling is preferred to disposal.

7. Handling and storage

Advice on safe handling

Keep containers dry and tightly closed to avoid moisture absorption and contamination.

Advice on protection against fire and explosion

No special protective measures against fire required.

Requirements for storage rooms and vessels

Store in a cool and shaded area.

Advice on storage compatibility

Incompatible with:

oxidizing agents

bases

water, amines, alcohols

Further information on storage conditions

Keep away from food, drink and animal feeding stuffs.

8. Exposure controls / personal protection

Respiratory protection

No personal respiratory protective equipment normally required.

Hand protection

impermeable gloves

Eye protection

Eye wash bottle with pure water

tightly fitting goggles

Skin protection

Long sleeved clothing.

General protective measures

Wash hands before breaks and immediately after handling the product.

When using, do not eat, drink or smoke.

Avoid contact with skin, eyes and clothing.

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10250HE0012**9. Physical and chemical properties**

Form	Colour	Odour				
liquid	blue	ester-like				
Data relevant for safety						
	Value	Temperature	At	Method	Remark	
pH value in delivery state	7					
boiling point	> 200 °C					
Flash point	87 °C					
Combustion temperature						n.d.
Lower explosion limit						n.d.
Density	1 g/ml	20 °C				
Solubility in water						immiscible
Viscosity	2 - 3,5 mPa*s	20 °C				

10. Stability and reactivity**Conditions to avoid**

To avoid thermal decomposition, do not overheat.
Product is sensitive to light and moisture.

Materials to avoid

Bases.
Oxidizing agents.
water, amines, alcohols

Hazardous decomposition products

Carbon monoxide (CO), carbon dioxide (CO₂) and nitrogen oxides (NO_x)

Additional information

No decomposition if stored and applied as directed.

11. Toxicological information**Experiences made from practice**

Irritating to eyes, respiratory system and skin.
Bonds skin and eyes in seconds.

12. Ecological information**General regulation**

Do not flush into surface water or sanitary sewer system.
Slightly water contaminating.

13. Disposal considerations

Waste code No.	Name of waste
18 01 05	discarded chemicals and medicines

Recommendations for the product

Where possible recycling is preferred to disposal.

Can be incinerated, when in compliance with local regulations.

Recommendations for packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

14. Transport information

Transport/further informations

No hazardous material as defined by the transport regulations

15. Regulatory information

Remarks for classification

Der Wirkstoff selbst ist wie folgt zu kennzeichnen:

According to the EC hazardous substance regulations in compliance with the EC medicine product regulations this product must not be labeled as a hazardous substance.

Classification

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.

Special labelling for certain preparations

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

16. Other information

Further information

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.

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

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

(n.a. = not applicable; n.d. = not determined)
