

1. Identification of substance/preparation

Name of product	TopoCryl®
Manufacturer/Distributor	Heal & Care Inc 60 S Jefferson Road, Unit #9, Whippany 07981 NJ USA www.healncare.com info@healncare.com

2. Composition / Information on ingredients

Chemical Characterization One-Component medical glue based on butyl cyanoacrylate

Ingredients

CAS-No.	Name	%	Classification
6606-65-1	n-butyl-2-cyanoacrylate	> 99	Xi R36/37/38

3. Special hazards information for man and environment

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

Special hazards information for humans and environment
Bonds skin and eyes.

4. First Aid measures

General Information
Remove and wash contaminated clothing

In case of inhalation
Move to fresh air in case of accidental inhalation of fumes from overheating or combustion
Refer to 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 eye contact
Rinse thoroughly with plenty of water, also under eye lids
Summon 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 substance, combustible products resulting gases
Fire may produce Carbon monoxide, carbon dioxide, sulfur dioxide and nitrogen oxides (NOx).

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 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.

9. Physical and chemical properties

Form	Color	Odour
Liquid	Blue	Ester-like

Data relevant for safety

Remark	Value	Temperature at
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 – 3.5mPa'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 (NOx)

Additional information

No decomposition if stored and applied as directed

11. Toxicological information

Experiences made from practice

Irritating to eyes, respiratory system and skin.

This product is not expected to cause long-term adverse health effects. This product is not expected to cause reproductive and developmental health effects.

Carcinogenity, NTP	:	Not considered carcinogenic by NTP, IARC and OSHA.
IARC Monographs	:	No
OSHA Regulated	:	No
LD50 - Dermal	:	> 2000mg/kg
LD50 - Oral	:	> 5000mg/kg

12. Ecological information

General regulation

Do not flush into surface water or sanitary sewerage 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 information**

No hazardous material as defined by the transport regulations

15. Regulatory information**Remarks for classification**

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

Classification

Xi Irritant

R-phrases

36/37/38 Irritating to eyes, respiratory systems and skin

S-phrases

23.3 Do not breathe vapor
24/27 Avoid contact with skin and eyes.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

16. Other information**Further information**

Date of items 4 to 8, 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)
