


**MATERIAL SAFETY DATA SHEET**  
**XOIN<sup>®</sup> (Topical Skin Adhesive)**
**1. Identification of substance/preparation**

Name of product	<b>XOIN<sup>®</sup></b>
Manufacturer/Distributor	REEVAX PHARMA PRIVATE LIMITED 502, ROHINI APT, SRINAGAR COLONY ROAD HYDERABAD 500073 AP INDIA Phone: +91-40-40113135 Fax: +91-40-40113135

**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 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 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 (CO<sub>2</sub>), 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 (NO<sub>x</sub>).

**Special protective equipment for fire fighters**

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

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## 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.

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## 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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**9. Physical and chemical properties**

**Form**                      **Color**                      **Odour**  
 Liquid                      Blue                      Ester-like

**Data relevant for safety**

	Value	Temperature at	Method	Remark
<b>pH value in delivery state</b>	7			
<b>Boiling point</b>	> 200 °C			
<b>Flash point</b>	87 °C			
<b>Combustion temperature</b>				n.d
<b>Lower explosion limit</b>				n.d
<b>Density</b>	1 g/ml	20 °C		
<b>Solubility in water</b>				immiscible
<b>Viscosity</b>	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 (CO<sub>2</sub>) and nitrogen oxides (NO<sub>x</sub>)

**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 to skin and eyes in seconds.

**12. Ecological information**

General regulation  
 Do not flush into surface water or sanitary sewerage system.  
 Slightly water contaminating.

**13. Disposal considerations**

<b>Waste code No.</b>	<b>Name of waste</b>
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

**Special labeling for certain preparations**  
  
Cyanoacrylate! Danger! Bonds skin and eyelids in seconds. Keep out of reach of children.

**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)