

It is highly improbable, that cyanoacrylate glues will be **swallowed**. This is due to the fact that the glue hardens and dries immediately, and can adhere to the mouth (white film/agglomerate).

Normally, NO treatment is necessary! Saliva usually removes the glue from the mucous membrane of the mouth within 1/2 day to a maximum of 2 days. If larger-sized agglomerates have formed in the mouth, the position of the afflicted person will have to enable him to avoid swallowing them. To ensure optimal breathing, the person's respiratory tracts will have to be kept clear.

Burns

In the process of drying and solidifying, cyanoacrylate glues release warmth. In extremely rare cases, when large drops of glue are involved, a rise in temperature is potentially sufficient to cause a burn.

In case a burn through a cyanoacrylate glue takes place, proceed in accordance with conventionally accepted treatment guidelines. If necessary, before treatment is commenced, carefully remove the glue and/or the object which is stuck to the person (e.g. gloves). Refer to page 2 of this brochure.

Surgical Treatment

Skin which is glued or stuck together by accident should never be surgically removed.

Even without any special treatment, it's only a matter of time until cyanoacrylate glues come off one's skin, eyes or mouth, due to the effects of skin moisture, sweat, tears or saliva.

The instructions, advice and information provided in this information brochure have been put together to the best of our knowledge and current technical developments. The information in this brochure is for information purposes only, and is to be considered as non-binding guidelines. No warranty claims or claims for damages whatsoever can be derived from the contents of this brochure.

Info-Brochure

Information on First Aid and Emergency Treatment

in Cases of Adhesion with Cyanoacrylate Glues (Super Glues)

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Introduction

Cyanoacrylate glues are strong adhesive products with extremely quick bonding times. They are marketed under various brand names such as **Instant Adhesive, Quick-Setting Glue, Super Glue, Power Glue, Magic Glue** or **NASA Glue**.

Cyanoacrylate glues harden and dry out very quickly when they come into contact with moisture, such as humidity in the air, skin moisture, sweat, sebaceous matter, tears and saliva. Within a matter of seconds, these products can glue and stick human tissue together, including the skin or eyes.

Experience has demonstrated that proper care in case of emergency or accidents **generally prevents the need for any surgery treatment** - if the following instructions and measures are carefully followed.

It must be added that even **without any special treatment**, it's only a matter of time until cyanoacrylate glues come off one's skin, eyes or mouth, due to the effects of skin moisture, sweat, tears or saliva.

When Skin Sticks Together

Skin on Skin

For areas of the skin which stick together, first soak in warm soapy water or in a 1% sodium-hydrogen carbonate solution. Then carefully place tweezers, a spatula, cotton swab or pencil between the skin parts which adhere to each other. With light movements, gently separate the affected areas from each other. Wash or peel away any residues of the glue with water and soap and/or use a fatty protective hand lotion or oil.

For **small-sized areas** of the skin, acetone can be used, drop by drop. Starting with the edge of the affected area, carefully apply the acetone and carefully peel away the glue. If necessary, repeat the procedure several times.

In no case should acetone be used on a large-sized area of the skin. It should not be applied near the eyes or mucous membrane, or when the skin has been damaged.

After the glue has been removed, cleanse the skin with clean water and apply a fatty skin lotion or oil.

Never try to forcibly scrape the glue off the skin, as vital skin particles may also be removed at the same time.

Glue on Scalp or Hair

Wash the scalp/hair and then abundantly apply protective skin lotion/oil to the affected areas. Then let it soak overnight or, if not possible, repeat the procedure several times. In a matter of time, the glue will come off the scalp.

Skin on Other Materials

Refer to the measures as described in the chapter "Skin on Skin".

When the Eyes Stick

In case the eye is stuck, it is important to rinse it immediately and thoroughly with warm water (or just plain water), in order to minimize any potential reactions of the eye.

Never try to forcibly or violently open the eye.

Eyelid on Eyelid, Eyeball or Eyelashes

In this case, rinse immediately and thoroughly with warm water. Then cover with a damp gauze compress, eye com-

press or pad. If necessary, dampen the compress or pad once again. Normally, the eye can be opened again after 1 to 4 days without any further treatment. Permanent damage is not to be expected.

In case the eyes stick, please consult your local emergency service, clinic or eye doctor.

Glue on the Eyeball

Normally NO treatment is required here! Cyanoacrylate glues which end up in the eye stick to the protein layer of the eye and come off after an undefined period, normally after 1 to 2 days.

An increased flow of tears occurs until the remains of the glue come off and are flushed out of the eye. In addition to the increase in teardrops, a person may see unclearly.

These reactions are in connection to the glue sticking to the eye. The glue usually comes off by itself within 1 to 2 days, even in cases of intensive contamination. *Important note: to prevent any potential danger of aspiration, a person who is fully conscious should be in bed, head high on pillows, upper body kept as upright as possible.*

When the Mouth Sticks

If the lips are accidentally glued together, rinse with a large amount of warm water from the outside and press against the inside of the mouth with saliva, in order to achieve a maximum moistening effect. The bonding together of the lips can usually be overcome through movements of the lips and mouth. If necessary, remove any residues of the glue with water and by applying a fatty protective skin lotion/oil.

Never try to forcibly open lips which are glued together.