



## Material Safety Data Sheet: RBA Supplement

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### INFORMATION FOR FIRST AID AND CASUALTY ON THE TREATMENT FOR ADHESION

CYANOACRYLATE ADHESIVE IS A VERY FAST SETTING AND STRONG BONDING ADHESIVE. THEY BOND TO HUMAN TISSUE IN SECONDS. MOST ACCIDENTS ARE HANDLED BY NONSURGICAL FIRST AID. TREATMENT IS AS FOLLOWS:

#### SKIN CONTACT

REMOVE EXCESS ADHESIVE, SOAK IN WARM SOAPY WATER. THE ADHESIVE WILL COME LOOSE FROM THE SKIN IN SEVERAL HOURS. CURED ADHESIVE DOES NOT PRESENT A HEALTH HAZARD. AVOID CONTACT WITH CLOTHES, FABRICS OR TISSUES. CONTACT WITH THESE MATERIALS MAY CAUSE POLYMERIZATION. THE POLYMERIZATION OF LARGE AMOUNTS OF ADHESIVE WILL GENERATE HEAT CAUSING SMOKE, SKIN BURNS AND A STRONG IRRITATING VAPOR. WEAR NITRIL OR POLYETHYLENE GLOVES AND AN APRON WHEN HANDLING LARGE AMOUNTS OF THIS ADHESIVE.

#### SKIN ADHESION

FIRST IMMERSE THE BONDED SURFACE IN WARM SOAPY WATER. PEEL OR ROLL THE SURFACE APART WITH THE AID OF A BLUNT EDGE (SPOON HANDLE OR SPATULA). REMOVE ADHESIVE FROM THE SKIN WITH SOAP AND WATER. DO NOT TRY TO PULL SURFACE APART WITH DIRECT OPPOSING ACTION.

#### EYELID TO EYELID OR EYEBALL ADHESION

IF THE EYELIDS ARE STUCK TOGETHER OR BONDED TO THE EYEBALL, WASH THOROUGHLY WITH WARM WATER AND APPLY A GAUZE PATCH. THE EYE WILL OPEN WITHOUT FURTHER ACTION IN 1 - 4 DAYS. THERE WILL BE NO RESIDUAL DAMAGE. DO NOT TRY TO OPEN THE EYES WITH MANIPULATION.

#### ADHESIVE ON THE EYEBALL

CYANOACRYLATE INTRODUCED INTO THE EYES WILL ATTACH ITSELF TO THE EYE PROTEIN AND WILL DISSOCIATE FROM IT OVER INTERMITTENT PERIODS, GENERALLY COVERING SEVERAL HOURS. THIS WILL CAUSE PERIODS OF WEEPING UNTIL THE CLEARANCE HAS BEEN ACHIEVED. DURING THE PERIOD OF CONTAMINATION, DOUBLE VISION MAY BE EXPERIENCED TOGETHER WITH A LACHRYMATORY EFFECT. IT IS IMPORTANT TO UNDERSTAND THE CAUSE AND REALIZE THAT DISSOCIATION WILL NORMALLY OCCUR WITHIN A MATTER OF HOURS. THIS IS TRUE FOR EVEN LARGE AMOUNTS OF CONTAMINATION.

#### MOUTH

IF LIPS ARE STUCK TOGETHER, APPLY LOTS OF WARM WATER TO THE LIPS TO MAXIMIZE WETTING AND PRESSURE FROM SALIVA FROM THE INSIDE OF THE MOUTH. PEEL OR ROLL THE LIPS APART TO SEPARATE. DO NOT TRY TO PULL THE LIPS WITH OPPOSING ACTION. IT IS ALMOST IMPOSSIBLE TO SWALLOW CYANOACRYLATES. THE ADHESIVE WILL SOLIDIFY AND ADHERE INSIDE THE MOUTH. SALIVA WILL LIFT THE ADHESIVE IN HALF TO TWO DAYS. IN CASE A LUMP FORMS IN THE MOUTH, POSITION THE PATIENT TO PREVENT INGESTION OF THE LUMP WHEN IT DETACHES.

#### BURNS

CYANOACRYLATES GIVE OFF HEAT WHEN CURING. IN RARE CASES A LARGE DROP WILL INCREASE IN TEMPERATURE ENOUGH TO CAUSE A BURN. BURNS SHOULD BE TREATED NORMALLY AFTER THE LUMP OF CYANOACRYLATE IS RELEASED FROM THE TISSUE AS DESCRIBED ABOVE.

#### SURGERY

IT SHOULD NEVER BE NECESSARY TO USE SUCH A DRASTIC METHOD TO SEPARATE ACCIDENTALLY BONDED SKIN.