

## MATERIAL SAFETY DATA SHEET

### SUPPLIER:

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### SECTION 1 IDENTIFICATION AND USE OF THE PRODUCT

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PRODUCT IDENTIFICATION:	SB-002
PRODUCT NAME:	Clear Adhesive
CHEMICAL FAMILY:	Cyanoacrylate adhesive
USE:	Fast hardening adhesive for repairing parts
CAS NUMBER:	not available

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### SECTION 2 DANGEROUS INGREDIENTS

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INGREDIENTS	CAS #	CONC. %	EXPOSURE LIMITS
Ethyl cyanoacrylate	None	60-100%	Not available

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### SECTION 3 PHYSICAL PROPERTIES

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PURE MATERIAL OR MIXTURE	Mixture
PHYSICAL STATE	Liquid
APPEARANCE/SMELL	Clear Liquid, Strong Odor
SMELL THRESHOLD	Not available
pH AS SUCH	Not applicable
INITIAL BOILING POINT	> 150°C
VAPOR PRESSURE (in mm of Mercury)	Not available
VAPOR DENSITY	Not available
SOLUBILITY IN WATER	Negligible
DENSITY (WATER: 1)	About 1.06
VOLATILE PERCENTAGE (BY VOLUME)	None at 70°F
EVAPORATION RATE (butyl acetate)	Not applicable

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**SECTION 4                    EXPLOSION AND FIRE HAZARDS**

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SELF-IGNITION TEMPERATURE	Not available
Flashpoint	185 F
Maximum inflammability threshold (%)	Not available
Minimum inflammability threshold (%)	Not available
Sensitivity to mechanical impact	Not available
Sensitivity to electrostatic discharges	Not available
Extinguishment means	Foam, CO <sub>2</sub> , chemical powder

**SPECIAL METHODS IN CASE OF FIRE**

THE FIREFIGHTERS MUST BE EQUIPPED WITH AN AUTONOMOUS RESPIRATORY DEVICE FOR PROTECTING THEM AGAINST THE POTENTIALLY TOXIC OR IRRITATING VAPORS

**FIRE OR EXPLOSION HAZARDS**

THE RAGS USED FOR WIPING UP SPILLS CAN CAUSE A RAPID POLYMERIZATION WHICH COULD PRODUCE SUFFICIENT HEAT FOR IGNITING THE RAG. COMBUSTION CAN RELEASE TOXIC AND DANGEROUS VAPORS.

**DANGEROUS COMBUSTION PRODUCTS**

CARBON MONOXIDE, CARBON DIOXIDE, UNIDENTIFIED HYDROCARBONS

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**SECTION 5                    TOXICOLOGICAL PROPERTIES**

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**Effects of exposure****Absorption routes:**

Inhalation, ingestion, skin contact, eye contact.

**Effects of acute exposure****Ingestion:**

Upon contact, the lips glue together immediately.

**Skin contact:**

Upon contact, the skin glues together immediately. Frequent or prolonged contact can irritate the skin.

**Inhalation:**

The vapors can be irritating for the respiratory system and the nasal passages.

**Eyes contact:**

Upon contact, the eyelids glue together. The vapors are lachrymogenic.

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## **SECTION 6            FIRST AID**

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### **INGESTION AND SKIN CONTACT:**

The mouth glues closed immediately. Consult a physician immediately. Do not attempt to remove the product from the skin or remove contaminated clothing. The damaged tissues could tear easily. Wash with large quantities of soapy water while folding the skin in order to slowly release the bonded parts. Do not remove mechanically and do not attempt to separate the skin.

### **INHALATION:**

Take the victim to fresh air; if respiration is difficult give oxygen. If respiration has stopped, perform artificial respiration. Call the medical service.

### **EYE CONTACT:**

Rinse with large quantities of water while keeping the eyelids open. Immediately contact the medical service. The dry adhesive does not bond well with the surface of the eye, but it can cause corneal lesions. Do not wear corneal lenses while working with this product.

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## **SECTION 7            PREVENTIVE MEASURES**

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### **CONDITIONS UNDER WHICH PERSONAL PROTECTIVE EQUIPMENT IS REQUIRED**

Normal work conditions; maintenance/repair;  
spills/cleaning

#### **Eye protection:**

Glasses with side panels for avoiding splashes.

#### **Gloves required:**

Wear polyethylene gloves. Do not wear fabric or rubber gloves.

#### **Changing/removing clothes:**

Remove contaminated clothes and wash them before reusing them.

#### **Respiratory gear:**

Avoid extended or repeated inhalation of the vapors or mists. If the exposure exceeds or could exceed the limits for professional exposure, use a NIOSH approved respirator.

#### **Aeration area ventilation:**

Normal ventilation generally adequate.

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**SECTION 8            REACTIVITY DATA**

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Stability:

stable

Incompatibility:

water, alkaline materials, peroxides

Dangerous decomposition products:

stable at normal temperature and pressure.

Dangerous polymerization:

Contamination of the adhesive with alkaline substances, peroxides or water can cause a rapid polymerization. In large quantities, this can cause an uncontrolled increase of the temperature and pressure in the closed containers.

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**SECTION 9            PROCEDURES IN CASE OF LEAKS OR SPILLS**

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Procedures in case of leaks or spills:

Significant spills: flood the affected area with water. When the cross-linking is finished, remove the film with a scraper. If necessary, wear a NIOSH approved mask against the organic vapors and protective clothing.

Disposal of the residues:

According to the Federal and Provincial laws concerning the disposal of scrap.

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**SECTION 10          HANDLING AND STORAGE**

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Storage temperature:

Ambient

Storage/Handling:

Store in a cool dry area away from heat from sparks or flame.

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**SECTION 11          REGULATORY INFORMATION**

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TDG INFORMATION

Regulatory name:

not regulated

PIN Number

TDG Classification

Packaging group

WHMIS INFORMATION

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**SECTION 12      TECHNICAL INFORMATION**

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TO OBTAIN TECHNICAL INFORMATION, PLEASE CONTACT:

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**ADDITIONAL INFORMATION**

THE INFORMATION AND RECOMMENDATIONS CONTAINED IN THE PRESENT CAME FROM OUR RESEARCH WORK AND INFORMATION COMING FROM OTHER RELIABLE SOURCES. THESE DATA APPLY ONLY TO OUR PRODUCTS AND NOT WHEN THEY ARE USED WITH OTHER PRODUCTS. WE BELIEVE IN THE RELIABILITY OF OUR INFORMATION. NONETHELESS NO GUARANTEE IS OFFERED IN THIS RESPECT. IT IS THE PURCHASER'S RESPONSIBILITY TO VERIFY THESE DATA ACCORDING TO ITS OWN OPERATING CONDITIONS IN ORDER TO ASSURE THAT THEY COMPLY WITH THE USE TO WHICH THE PRODUCT IS INTENDED, AND THAT EVEN BEFORE USING THEM.