



matting / athletics / flooring

## INSTA-BOND SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

#### Product Details

Product Name Insta-bond  
Trade Name and Synonyms Spectrum Cyanoacrylate  
Article Number CA01/CA1500

#### Manufacturer/Supplier

Edgewood Matting Ltd.  
18120 – 109 Ave  
Edmonton, AB, T5S 2K2  
Canada  
Ph: 780.466.2084  
Fax: 780.468.9104

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

<b>Chemical Characterization</b>	CAS # Designation: 7085-85-0-Ethyl-2-Cyanoacrylate
<b>Identification #</b>	EINECS #: 2303915
<b>Description</b>	Adhesive

### 3. HAZARDS IDENTIFICATION

Caution: Cyanoacrylate bonds to skin and eyelids within seconds. Keep out of reach of children.

### 4. FIRST AID MEASURES

The following first aid recommendations are based on the assumption that appropriate personal and industrial hygiene practices are followed.

<b>Inhalation</b>	Supply fresh air to victim.
<b>Skin Contact</b>	Instantly wash with soap and rinse thoroughly.
<b>Eye Contact</b>	Rinse opened eye for several minutes with running water. Then consult a physician
<b>Ingestion</b>	Call a physician Immediately
<b>Following Symptoms May Occur</b>	Breathing difficulty.
<b>Treatment</b>	In case of irritation to the lungs, initial treatment with Dexametason metered aerosol.

## 5. FIRE-FIGHTING MEASURES

<b>Extinguishing Media</b>	Water, CO <sub>2</sub> , foam, extinguishing powder. Fight large fires with alcohol-resistant foam.
<b>Products of Combustion</b>	Formation of toxic gases is possible during heating or in case of fire. Nitrogen oxides (NO) and CO can be released in case of fire.
<b>Protective Equipment</b>	Do not inhale explosion gases or combustion gases

## 6. ACCIDENTAL RELEASE MEASURES

<b>Person-related Safety Precautions</b>	Ensure adequate ventilation.
<b>Measures for Environmental Protection</b>	Prevent material from reaching sewage systems, holes and cellars.
<b>Measures for Cleaning/Collecting</b>	Collect mechanically. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
<b>Additional Information</b>	No dangerous materials are released.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Ensure good ventilation/exhaustion at the workplace. No special measures required. Keep containers tightly sealed. Open and handle containers with care. Keep away from ignition sources. Do not smoke.
<b>Storage</b>	Store only in cool, dry conditions in the original container. Do not store together with alkalis (caustic solutions)
<b>Storage Class</b>	Class according to regulation on inflammable liquids: VbF: A III

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Controls

<b>Critical Values</b>	The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
<b>Additional Information</b>	Supply fresh air. When air is very dry, humidity should be increased to 50-60% relative humidity.

Cyanoacrylates are considered to be possible irritants by inhalation. New legislation in 1996 may consider this as a formal risk, but currently it is suggested as a safety phrase as additional information. See section 11.

### Personal Protection

<b>General</b>	The usual precautionary measures should be adhered to while handling the chemicals.
<b>Hands</b>	Protective gloves and protective skin cream.
<b>Respiratory Protection</b>	Not required
<b>Eye</b>	Tightly sealed safety glasses.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Melting Point</b>	Not determined
<b>Boiling Point</b>	>200°C
<b>Flash Point</b>	87°C DIN 51758
<b>Self-flammability</b>	Product is not self-igniting.
<b>Danger of Explosion</b>	Product is not explosive.
<b>Density at 20°C</b>	1.05-1.08 g/cm <sup>3</sup>
<b>Solubility in/Miscibility with Water</b>	Not miscible or difficult to mix
<b>Dynamic</b>	20°C 2-600mPas

## 10. STABILITY AND REACTIVITY

<b>Thermal Decomposition</b>	No decomposition if used according to specifications.
<b>Dangerous Reactions</b>	Exothermic polymerization. Violent reactions with strong alkalis and oxidizing agents. Also reacts with amines and heating occurs when water is added. Reacts violently with water.
<b>Hazardous Decomposition Products</b>	No dangerous decomposition products known.

## 11. TOXICOLOGICAL INFORMATION

<b>Acute Toxicity</b>	Not determined
<b>Skin</b>	Irritant for skin and mucous membranes
<b>Eyes</b>	Irritant effect
<b>Inhalation</b>	Possible irritant
<b>Additional information</b>	When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

The material is not subject to classification according to EC lists in the last version.

## 12. ECOLOGICAL INFORMATION

Water Hazard Class 0: Generally not hazardous for water.

## 13. DISPOSAL CONSIDERATION

<b>Product Recommendation</b>	Can be deposited with household garbage after consulting with the operator of the waste disposal facility, the pertinent authorities, and under adherence to the necessary technical regulations. Polymerize carefully with water or alkali. Waste disposal key number 55905
<b>Uncleaned Packaging Recommendation</b>	Polymerize carefully with water or alkali

## 14. Transport Information

<b>Land Transport ADR/RID and GGVS/GGVE (cross-</b>	3 inflammable liquids
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<b>border/domestic) ADR/RID-GGVS/E Class</b>	
<b>Number/Letter</b>	3/32c
<b>Remarks</b>	No dangerous goods due to the regulations for small quantities (below 3 l per unit or below 42 l per carton)

## 15. Regulatory Information

<b>Designation (EC guidelines)</b>	Observe the normal safety regulations when handling chemicals. The product has not been classified and labeled in accordance with EC Directives/relevant national laws.
<b>Special Designation of Certain Preparations</b>	Caution, Cyanoacrylate bonds with skin and eyelids within seconds. Should be kept out of children's reach.
<b>Water Hazard Class (VbF: A III Water hazard class)</b>	Water hazard class 0: Generally not hazardous for water.

## 16. Other Information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.