

**MITREAPEL AUTOBOND CYANOACRYLATE
ADHESIVE****SECTION 1. IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY****1.1 Product Identifier****Trade Name:** Mitreapel Autobond Cyanoacrylate Adhesive**1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against****Mixture Uses:** Adhesive**1.3 Details of the Supplier of the Safety Data Sheet**


Beta Kimya Sanayi ve Ticaret A.Ş.

BOSB Aydınli Mah. 1 No.lu Cad. No:11 Tuzla - Istanbul/TURKEY - 0216 593 90 97(Tel.) - 0216 593 90 98 (Fax)

www.betakimya.com.tr – msds@betakimya.com.tr**1.4 Emergency Telephone Number****Emergency Phone Number** : 114 National Poison Information Center**Working Hours** : Weekdays 08:00-18:00 (Turkey Time)**SECTION 2. HAZARDS IDENTIFICATION****2.1 Classification of the substance/mixture**

The mixture meets the criteria for classification of detrimental in accordance with Regulation (EC) No. 1272/2008.

2.2 Hazards Identification

Hazard Pictograms:	 GHS07		
Signal Words:	Warning		
Hazard Statements	H319 H335 H315	Causes serious eye irritation. May cause respiratory irritation. Causes skin irritation.	
Precautionary Statements	P 261 P280 P302+P352 P332+P313 P337+P313 P405 P501	Avoid breathing dust/fume/gas/mist/vapours/spray. Wear protective gloves/ clothing/eye protection/face protection. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Store locked up. Dispose of contents/container to ...	

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Additional Information	EUH202	Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.
For full text of Hazard- and EU Hazard-statements: see SECTION 16.		

2.3 Other Hazards

Avoid to contact acrylate from people with the possibility of allergic reaction.

SECTION 3. COMPOSITION ON INGREDIENTS

3.2 Mixtures

General chemical description:

Rapid Adhesive

Base substances of preparation:

Cyanoacrylate

Declaration of the ingredients according to CLP (EC) No 1272/2008:

CAS No.	EC No.	Concentration	Classification
Ethyl 2-Cyanoacrylate 7085-85-0	230-391-5	%80 - %100	Eye Irr. 2;H319 STOT Single Exp. 3;H335 Skin Irr. 2;H315

See the Section 16 for the full text of the H- and P- Statements.

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures

Skin Contact: In the event of contact body part, should wash with plenty of warm water and soap on contact surface. In case of contact with clothes or shoes, it has to be removed on skin before adherend activity had been finished. Do not force on the surface for taking adherend, it can be cause of adherend come with skin part. If adhesive amount is too much, this situation will give rise to serious burned on skin. Apply to health care facility.

Inhalation: Remove affected person to fresh air, and if still feeling unwell seek medical attention.

Eye Contact: Immediately flush with plenty of water for at least 15 minutes. If eyelids are bonded closed, do not force eye open. Get medical attention.

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Ingestion: In case of swallow, gargle and do not retch. Apply to health care facility.

First Aider Protection Equipment

The first aider should use personal protective equipment.

4.2 Most important symptoms and effects, both acute and delayed

Serious eye irritation. Serious rash and swelling on skin. Irritation nose and throat.

4.3 Indication of any immediate medical attention and special treatment needed

See the Section 8 .

SECTION 5. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Suitable extinguishing media: All common extinguishing agents are suitable. Foam, carbon dioxide, dry powder.

Extinguishing media which must not be used for safety reasons: High pressure water jet.

5.2 Special Hazards Arising From the Substance or Mixture

In case of fire toxic gases can be released. Don't inhale the combustion products.

5.3 Advice For Firefighters

Use personal protective fireproof clothing and respirator face mask

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

For Non-Emergency Personnel

Use personal protective equipment. Provide ventilation. Keep away from igniting sources . Keep away from naked flame or any incandescent material.

For Emergency Responders

Wear personal protective fireproof clothing.

6.2 Environmental Precautions

Do not empty into drains or water. Disposal of the chemicals must be made according to official regulations.

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6.3 Methods and Material For Containment and Cleaning Up

Flood with water to complete polymerization and scrape off the floor. Dispose of contaminated material as waste according to Section 13.

6.4 Reference to Other Sections

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions For Safe Handling

Avoid contact with eyes, skin and clothing. Avoid breathing vapor and mists.

Hygiene precautions:

Do not drink, eat and smoke in the working area. Wash hands before break period and after shift,

7.2 Conditions For Safe Storage, Including Any Incompatibilities

Keep in a cool, well-ventilated area in original container

Away from heat, sparks and open flame.

Keep containers closed safely and check periodically in case leakage and spilling.

Protect containers from physical damage.

Keep only in the original container

7.3 Specific end use(s)

Instant adhesive

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

Working with chemical materials and safety measures depend to regulation. According to EH 40/2009 Occupational Exposure limit WELs :

EC No.	CAS No.	Component	TWA	STEL
230-391-5	7085-85-0	Ethyl-2-Cyanoacrylate	-	1,5 mg/m ³

8.2 Exposure Controls

Appropriate Engineering Controls:

Ensure good ventilation. Apply the all common precautions while working with chemicals.

Respiratory protection:

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In case of dust formation, we recommend wearing of appropriate respiratory protection equipment with particle filter P. This recommendation should be matched to local conditions.

Hand protection:

Wear refractive gloves while working with the hot melt.

Eye protection:

Wear protective goggles

Skin protection:

Wear protective equipment.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information On Basic Physical And Chemical Properties

Appearance	: Liquid
Color	: Colorless
Odor	: Irritating
pH	: Not Applicable
Melting/ Freezing Point	: Not Applicable
Initial Boiling Point	: 150°C
Boiling Range	: Not Applicable
Flash Point	: 85°C
Evaporation Rate	: Not Applicable
Flammability of Solids and Gases	: Not Applicable
Explosive Limit	: Not Applicable
Vapour Density	: Not Applicable
Vapour Pressure	: 0,293 mmHg
Density 25°C	: 1,05 ±0,03 g/cm ³
Solubility	: Insoluble in water reacts with water. Soluble in acetone.
Partition Coefficient (n-octanol/water)	: Not Applicable
Auto-ignition temperature	: Not Applicable
Decomposition Temperature	: Not Applicable
Viscosity	: Not Applicable
Explosive Properties	: Not Applicable
Oxidizing Properties	: Not Applicable

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SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity

Rapid exothermic polymerization will occur in the presence of water, amines, alkalis and alcohols.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

See section reactivity

10.4 Conditions to avoid

None if used for intended purpose.

10.5 Incompatible materials

Water, amines, alkalis and alcohols.

10.6 Hazardous decomposition products

At higher temperatures carbon oxides may be released.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Informations of Toxicological Effects

Categorized with 1272/2008/EC Based on available data (Chapter 3 Chemical list), the classification criteria are indicated below:

Sensitization:

An allergic reaction cannot be excluded after repeated skin contact. Avoid to contact acrylate materials, when contact to material, if carry risk of allergic reaction.

Corozion/Irritation:

Inhalation: Causes nose and throat irritation

Skin Contact: Causes serious irritation. (500µL/24 Hours - rabbit)

Eye Contact: Causes serious irritation. (500µL/24 Hours - rabbit)

Occupational Exposure Limit Values:

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EC No.	CAS No.	Component	Limiting Values
230-391-5	7085-85-0	Ethyl-2-Cyanoacrylate	0,3 ppm; STEL 0,2 ppm; TWA

Acute Toxicology:

EC No.	CAS No.	Component	Toxicity
230-391-5	7085-85-0	Ethyl-2-Cyanoacrylate	LC50 (rat) : >5000 mg/kg (inhale)

SECTION 12. ECOLOGICAL INFORMATION

General Ecological Information:

The material is not biodegradable so, do not allow spreading soil, waterways or waste water canal.

12.1. Toxicity

EC No.	CAS No.	Component	Toxicity
230-391-5	7085-85-0	Ethyl-2-Cyanoacrylate	LC50 (rat) : >5000 mg/kg (inhale)

12.2. Persistence and degradability

EC No.	CAS No.	Component	Biodegradable
230-391-5	7085-85-0	Ethyl-2-Cyanoacrylate	- (% 57)

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

Based on current knowledge, the mixture does not include greater than 0,1% the ratio of PBT or vPvB substances.

12.6. Other adverse effects

No data available.

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SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

If it is possible, try to reuse the mixture. In consultation with the responsible local authority, must be subjected to special treatment. Disposal of the products must be made according to official regulations.

Waste code

According to the directive 2008/98/EC on waste management and the local regulation (02.04.2015 dated- No.29314) the waste code is:

08 04 09: waste adhesives and sealants containing organic solvents or other dangerous

SECTION 14. TRANSPORT INFORMATION

14.1. UN Number

Not hazardous according to RID, ADR, ADN, IMDG.

IATA-DGR :UN 3334

14.2. UN Proper Shipping Name

Not hazardous according to RID, ADR, ADN, IMDG.

IATA-DGR : Aviation regulated liquid, n.o.s (Cyanoacrylate ester)

14.3. Transport Hazard Class(es)

Not hazardous according to RID, ADR, ADN, IMDG,

IATA-DGR :9

14.4. Packaging Group

Not hazardous according to RID, ADR, ADN, IMDG.

IATA-DGR :III

14.5. Environmental Hazards

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.6. Special Precautions For User

Not hazardous according to RID, ADR, ADN, IMDG.

IATA-DGR :Primary packs containing less than 500ml are unregulated by this mode of transport and may be shipped unrestricted.

14.7. Transport In Bulk According to Annex II of Marpol and The IBC Code

Not applicable.

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SECTION 15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

According to EC directive on health and safety precautions while working with chemicals (2009/161/EU) and Directive on Carcinogens or mutagens at work (2004/37/EC) there are no limitations on the products and materials.

15.2. Chemical safety assessment

A chemical safety assessment has not been carried out.

SECTION 16. OTHER INFORMATION

This document was prepared according to December 13, 2014 dated and 29204 numbered regulations regarding 1272/2008/EC guideline.

H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H315	Causes skin irritation.
P 261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/ clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P405	Store locked up.
P501	Dispose of contents/container to ...
EUH202	Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.

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