

SAFETY DATE SHEET

**Regulation (EC) No 1907/2006 (REACH), Annex II
(COMMISSION REGULATION (EU) No 2015/830)**

Issue date 03-Jan-2017

Revision date 03-Jan-2017

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Name: Work-fix

Product group: Liquid glue

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

Adhesives

Uses advised against

None known.

1.3. Details of the supplier of the safety data sheet

Company name: WJB Industrial Technologies, Inc. dba Automotive Parts Company
13660 Redwood Court, Chino, CA 91710, U.S.A.

TEL:(909)456-5600

FAX:(909)456-5199

Website: www.WorkTechGlue.com

1.4. Emergency telephone

number: (909)456-5600

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories:

Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Irrit. 2

Specific target organ toxicity - single exposure: STOT SE 3

Hazard Statements:

May cause respiratory irritation.

Causes serious eye irritation.

Causes skin irritation.

2.2. Label elements

Regulation (EC) No. 1272/2008

Hazard components for labelling

ethyl 2-cyanoacrylate

Signal word: Warning

Pictograms:



Hazard statements

H335 May cause respiratory irritation.

H319 Causes serious eye irritation.

H315 Causes skin irritation.

Precautionary statements

- P101 If medical advice is needed, have product container or label at hand.
- P102 Keep out of reach of children.
- P271 Use only outdoors or in a well-ventilated area.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P302+P352 IF ON SKIN: Wash with plenty of water.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P405 Store locked up.
- P501 Dispose of contents/container in accordance with local regulation.

Special labelling of certain mixtures

- EUH202 Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.

2.3. Other hazards

Repeated contact may cause allergic reactions in very susceptible persons. Irritating to eyes, respiratory system and skin. Has a degreasing effect on the skin.
 Reacts violently with water.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Cyanoacrylate adhesive

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
7085-85-0	ethyl 2-cyanoacrylate			99.8%
	230-391-5	607-236-00-9		
	Eye Irrit. 2, STOT SE 3, Skin Irrit. 2; H319 H335 H315			

Full text of H and EUH statements: see section 16.

Further Information

This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57). The product contains no substances classified as hazardous to health in concentrations which should be taken into account according to EC directives.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Take off all contaminated clothing immediately.

After inhalation

Move out of dangerous area. Move to fresh air in case of accidental inhalation of vapours. If symptoms persist, call a physician.

After contact with skin

Wash off immediately with soap and plenty of water. Do not try to separate conglutinated skin parts by hand or with knife. If skin irritation persists, call a physician.

After contact with eyes

Immediately flush eye(s) with plenty of water. If easy to do, remove contact lens, if worn. If eye irritation persists, consult a specialist.

After ingestion

Clean mouth with water and drink afterwards plenty of water. Saliva slowly separates the cured product from the mouth (several hours). If swallowed, and the victim is conscious and alert, induce vomiting immediately, as directed by medical personnel.

Consult a physician. Show this safety data sheet to the doctor in attendance.

4.2. Most important symptoms and effects, both acute and delayed

irritant effects

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

Show this safety data sheet to the doctor in attendance.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water spray, Dry powder, Sand, Carbon dioxide (CO₂), Foam.

Unsuitable extinguishing media

High volume water jet

5.2. Special hazards arising from the substance or mixture

In the event of fire the following can be released: Carbon monoxide, nitrogen oxides (NO_x), Carbon dioxide (CO₂).

5.3. Advice for firefighters

In the event of fire, wear self-contained breathing apparatus. In the event of fire and/or explosion do not breathe fumes.

Additional information

In the event of fire, cool tanks with water spray.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Remove all sources of ignition.

In the case of vapour formation use a respirator with filter model A.

6.2. Environmental precautions

Do not flush into surface water or sanitary sewer system.

Prevent spreading over a wide area (e.g. by containment or oil barriers).

6.3. Methods and material for containment and cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

Small amounts: Cure with water and remove mechanically.

Treat recovered material as described in the section "Disposal considerations".

6.4. Reference to other sections

Reference to other sections: 8, 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Provide sufficient air exchange and/or exhaust in work rooms.

In case of insufficient ventilation, wear suitable respiratory equipment.

For personal protection see section 8.

Smoking, eating and drinking should be prohibited in the application area. Wash hands before breaks and at the end of workday. Protect skin by using skin protective cream.

Advice on protection against fire and explosion

Processing may lead to evolution of flammable volatiles. Keep away from heat and sources of ignition. Do not smoke.

Further information on handling

Use of automatic dispenser recommended to minimize contact with the product.
Do not use for spraying.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Suitable container and packaging materials for safe storage: Plastic container of HDPE

Advice on storage compatibility

Incompatible with oxidizing agents.

Further information on storage conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from direct sunlight.
Recommended storage temperature: 2-8 °C

7.3. Specific end use(s)

This information is not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
7085-85-0	Ethyl cyanoacrylate	-	-		TWA (8 h)	WEL
		0.3	1.5		STEL (15 min)	WEL

Additional advice on limit values

At high concentrations the monomer vapours can cause eye and nose irritation.

8.2. Exposure controls

Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas. In case of insufficient ventilation, wear suitable respiratory equipment. (gas filter type A)

Protective and hygiene measures

Do not breathe vapours/dust. Avoid contact with the skin and the eyes. When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product.
Use protective skin cream before handling the product.

Eye/face protection

Tightly fitting safety goggles

Hand protection

Chemical resistant gloves made of butyl rubber or nitrile rubber category III according to EN 374. (Break through time >240 minutes)

Breakthrough time is not determined for the product. Change gloves often!

Be aware that in daily use the durability of a chemical resistant protective glove can be notably shorter than the break through time measured according to EN 374, due to the numerous outside influences (e.g. temperature).

Skin protection

Lightweight protective clothing

Respiratory protection

The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Respirator with a vapour filter (EN 141) (gas filter type A)

Environmental exposure controls

not determined

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	colourless
Odour:	stinging

Test method

pH-Value:	not applicable
-----------	----------------

Changes in the physical state

Initial boiling point and boiling range:	185 °C
Flash point:	> 80 °C
Lower explosion limits:	not determined
Upper explosion limits:	not determined

Auto-ignition temperature

Gas:	490 °C
Decomposition temperature:	not determined

Oxidizing properties

no

Vapour pressure:	not determined
Density:	1,04 g/cm ³
Bulk density:	not applicable
Water solubility:	insoluble, Reacts violently with water.
Partition coefficient:	not determined
Vapour density:	not determined
Evaporation rate:	not determined
Solvent content:	0 %

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reaction known under conditions of normal use.
See also section 10.3

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

Keep away from oxidising agents, strongly acid or alkaline materials, as well as of amines, alcohols and water.

Reacts with water, Oxidizing agents, Amines, Alkalis (alkalis).

10.4. Conditions to avoid

Do not heat the product.

Reacts violently with water.

10.5. Incompatible materials

Oxidizing agents

Acids

10.6. Hazardous decomposition products

No decomposition if used as directed.

Thermal decomposition can lead to release of irritating gases and vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Cyanoacrylate CAS-No. 7085-85-0

LD50/oral/rat = >5000 mg/kg

Irritation and corrosivity

Irritating to eyes, respiratory system and skin.

Sensitising effects

No sensitisation responses were observed.

STOT-single exposure

This information is not available.

Severe effects after repeated or prolonged exposure

This information is not available.

Carcinogenic/mutagenic/toxic effects for reproduction

This information is not available.

Aspiration hazard

This information is not available.

Specific effects in experiment on an animal

LD50/oral/rat = >5000 mg/kg

Further information

Bonds skin instantly.

SECTION 12: Ecological information

12.2. Persistence and degradability

No data is available on the product itself.

12.3. Bioaccumulative potential

No data is available on the product itself.

12.4. Mobility in soil

No data is available on the product itself.

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

We have no quantitative data concerning the ecological effects of this product. Do not allow uncontrolled leakage of product into the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

The following Waste Codes are only suggestions: The waste key according to the European Waste Catalogue (EWC number) refers to the real wastes origin and therefore is not product- but use-oriented.

Waste disposal number of waste from residues/unused products

080409 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants containing organic solvents or other hazardous substances
Classified as hazardous waste.

Waste disposal number of contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances
Classified as hazardous waste.

Contaminated packaging

Empty remaining contents. Can be landfilled or incinerated, when in compliance with local regulations.

SECTION 14: Transport information

Land transport (ADR/RID)

- 14.1. UN number: No dangerous good in sense of this transport regulation.
- 14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
- 14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
- 14.4. Packing group: No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

- 14.1. UN number: No dangerous good in sense of this transport regulation.
 - 14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
 - 14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
 - 14.4. Packing group: No dangerous good in sense of this transport regulation.
- Marine pollutant: no

Air transport (ICAO)

- 14.1. UN number: No dangerous good in sense of this transport regulation.
 - 14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
 - 14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
 - 14.4. Packing group: No dangerous good in sense of this transport regulation.
- no

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

see chapter 6 - 8.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

not applicable

SECTION 15: Regulatory information

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

EU regulatory information

2004/42/EC (VOC): 0 %

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 14,16.

Relevant H and EUH statements (number and full text)

H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
EUH202	Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.

Further Information

This recommendation is only valid for the product mentioned in the safety data sheet and provided by us and for the application specified by us.

Moreover, national legislation has to be obeyed!

These data describe only the safety requirements for the product(s) and are based on our present knowledge. However, they do not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.