



The following SDS references the products below:

RapidFix Adhesive

Vendor Item Number:

Manufactured By:

LHB Industries

Distributed by Kimball Midwest with the KM product-identification number:

83-564



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Section 1. Identification

Product identifier

Product Identity RapidFix Adhesives

Other means of identification Not Applicable

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

Recommended use: Cyanoacrylate Adhesive
Restrictions on use: For industrial use only..

Details of the supplier of the safety data sheet

Company Name LHB Industries
8833 Fleischer Place
Berkeley, MO 63134

Emergency

24 hour Emergency Telephone No. (800) 633-8253 (PERS)

Customer Service: (314) 423-4333

Section 2. Hazard(s) identification

Classification of the substance or mixture under US OSHA's Hazard Communication Standard (1910.1200) revised 2024 and Canadian Hazardous Products Regulations (SOR/2015-17) (GHS revision 7)

Flammable Liquid 4;H227

Combustible Liquid.

Skin corrosion/irritation category 2;H315

Causes skin irritation.

Serious eye damage / eye irritation, category 2A;H319

Causes serious eye irritation.

Specific target organ toxicity, Single exposure category 3;H335

May cause respiratory irritation.

Label elements



Warning

H227 Combustible liquid.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

[Prevention]

P210 Keep away from heat, sparks, open flames, and other ignition sources - No smoking.

P261 Avoid breathing dust, fume, gas, mist, vapors, spray.

P264 Wash thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.



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P280 Wear protective gloves, eye protection, and face protection.

[Response]

P302+352 IF ON SKIN: Wash with plenty of soap and water.

P304+340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 Call a POISON CENTER, doctor or physician if you feel unwell.

P332+313 If skin irritation occurs: Get medical attention.

P337+313 If eye irritation persists: Get medical advice or attention.

P362+364 Take off contaminated clothing and wash it before reuse.

P370+378 In case of fire: Use extinguishing media listed in section 5 of SDS for extinction.

[Storage]

P403+233 Store in a well ventilated place. Keep container tightly closed.

P403+235 Store in a well ventilated place. Keep cool.

P405 Store locked up.

[Disposal]

P501 Dispose of contents or container in accordance with local and national regulations.

Other hazards

This product contains no PBT/vPvB/vPvM chemicals.

This product contains no endocrine disrupting chemicals.

Does not contain component(s) that meet a 'definition' of per & poly fluoroalkyl substance (PFAS) per the Organisation for Economic Co-operation and Development (OECD) list of Per- and Polyfluoroalkyl Substances (PFASs).

Section 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of US OSHA's Hazard Communication Standard (1910.1200) revised 2024 and Canadian Hazardous Products Regulations (SOR/2015-17) (GHS revision 7)

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Ethyl 2-cyanoacrylate CAS Number: 7085-85-0 Synonyms: Ethyl cyanoacrylate, 2-Propenoic acid, 2-cyano-, ethyl ester, Cyanacrylat	80 - 100	Serious eye damage / eye irritation, category 2;H319 Specific target organ toxicity, Single exposure category 3;H335 > 10% Skin corrosion/irritation category 2;H315	-----

The actual concentration or concentration range is withheld as a trade secret.

*PBT/vPvB - PBT, vPvM or vPvB-substance.

The full texts of the phrases are shown in Section 16.

Section 4. First aid measures

Description of first aid measures

General

In all cases of doubt, or when symptoms persist, seek medical attention.
Never give anything by mouth to an unconscious person.



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Inhalation	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
Eyes	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
Skin	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
Ingestion	DO NOT INDUCE VOMITING. Give nothing by mouth. Get immediate medical attention.
Most important symptoms and effects, both acute and delayed	
Overview	Cough, Shortness of breath, Headache, Nausea, Vomiting, Damage to the eyes. No chronic toxicity or long term toxicity information available. Treat symptomatically. See section 2 for further details.
Inhalation	May cause respiratory irritation.
Eyes	Causes serious eye irritation.
Skin	Causes skin irritation.

Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media :

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media:

Water spray jet

Special hazards arising from the substance or mixture

Hazardous decomposition: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Wear an approved positive pressure self-contained breathing apparatus in addition to standard fire fighting gear.

Keep away from heat, sparks, open flames, and other ignition sources - No smoking.

Avoid breathing dust, fume, gas, mist, vapors, spray.

Advice for fire-fighters

Firefighters should wear full protective clothing including self-contained breathing apparatus. Move containers from fire area if you can do so without risk. Cool containers with flooding quantities of water until well after fire is out. Cool containers exposed to flames with water until well after the fire is out. Contents under pressure. Pressurized container may explode when exposed to heat or flame.

FIRE FIGHTING EQUIPMENT: Fire fighters should wear full protective equipment, and have self-contained breathing apparatus available.

SPECIAL PROCEDURES: Use water to cool containers exposed to a fire.

Self-extinguishing. Does not hold a flame

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Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). Wear appropriate protective equipment and clothing during clean-up. Emergency personnel need self-contained breathing equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

Environmental precautions

Do not allow spills to enter drains or waterways.

Methods and material for containment and cleaning up

Allow to solidify. Pick up and transfer to properly labeled containers. Ventilate the area.

Section 7. Handling and storage

Precautions for safe handling

Handle containers carefully to prevent damage and spillage.

Use only with adequate ventilation. Wear personal protective equipment. Do not get on skin or clothing. Use only in an area equipped with a safety shower.

See section 2 for further details. - [Prevention]

Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place. Store in original container.

Incompatible materials: Do not store together with oxidizing and self-igniting products.

See section 2 for further details. - [Storage]

Specific end use(s)

See Product Label

Section 8. Exposure controls / personal protection

Control parameters

Exposure Limits

CAS No.	Ingredient	Source	Value
7085-85-0	Ethyl 2-cyanoacrylate	ACGIH	0.2 ppm 1 ppm
		OSHA	No Established Limit
		NIOSH	No Established Limit
		Alberta	0.2 ppm TWA; 1 mg/m ³ TWA



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British Columbia	0.2 ppm TWA
Manitoba	0.2 ppm TWA (listed under Cyanoacrylates) 1 ppm STEL (listed under Cyanoacrylates)
New Brunswick	No Established Limit
Newfoundland and Labrador	0.2 ppm TWA (listed under Cyanoacrylates) 1 ppm STEL (listed under Cyanoacrylates)
Nova Scotia	0.2 ppm TWA (listed under Cyanoacrylates) 1 ppm STEL (listed under Cyanoacrylates)
Northwest Territories	0.2 ppm TWA 0.6 ppm STEL
Nunavut	0.2 ppm TWA 0.6 ppm STEL
Ontario	0.2 ppm TWA
Prince Edward Island	0.2 ppm TWA (listed under Cyanoacrylates) 1 ppm STEL (listed under Cyanoacrylates)
Quebec	No Established Limit
Saskatchewan	0.2 ppm TWA 0.6 ppm STEL
Yukon	No Established Limit

Exposure controls

Respiratory

If personal exposure cannot be controlled to below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2. When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust that may be generated from this product, underlying paint, or the abrasive.

Eyes

Use safety glasses with side shields or chemical goggles. If exposure causes eye discomfort, use a full-face respirator.

Skin

Wear overalls to keep skin contact to a minimum. Chemical resistant gloves may be needed for long term skin exposure.

Engineering Controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

Other Work Practices

Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details.

Section 9. Physical and chemical properties

Information on basic physical and chemical properties

Physical State

Liquid

Color

Colorless

Odor

Pungent

Odor threshold

Not Available

Melting point / freezing point

Not Available



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Initial boiling point and boiling range	Not Available
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: Not Available Upper Explosive Limit: Not Available
Flash Point	>80 °C Closed Cup Method
Auto-ignition temperature	Not Available
Decomposition temperature	Not Available
pH	Not Available
Viscosity (cSt)	Not Available
Solubility in Water	Not Available
Partition coefficient n-octanol/water (Log Kow)	Not Available
Vapor pressure (Pa)	Not Available
Relative Density	1.05 g/cm3
Vapor Density	Not Available
Evaporation rate (Ether = 1)	Not Available
VOC Content	Not Available
Other information	
No other relevant information.	

Section 10. Stability and reactivity

Reactivity

Hazardous Polymerization will not occur.

Chemical stability

Stable under normal circumstances.

Possibility of hazardous reactions

No data available.

Conditions to avoid

No data available.

Incompatible materials

Do not store together with oxidizing and self-igniting products.

Hazardous decomposition products

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Wear an approved positive pressure self-contained breathing apparatus in addition to standard fire fighting gear.

Section 11. Toxicological information

Acute toxicity

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).



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Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Ethyl 2-cyanoacrylate - (7085-85-0)	> 5,000.00, Rat - Category: NA	>2,000.00, Rabbit - Category: 5	No data available.	No data available.	No data available.

Carcinogen Data

CAS No.	Ingredient	Source	Value
7085-85-0	Ethyl 2-cyanoacrylate	IARC ACGIH	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; No Established Limit

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	2	Causes skin irritation.
Serious eye damage/irritation	2A	Causes serious eye irritation.
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-single exposure	3	May cause respiratory irritation.
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

Possible routes of entry: No available information

Symptoms and effects, both acute and delayed:

Cough, Shortness of breath, Headache, Nausea, Vomiting, Damage to the eyes. No chronic toxicity or long term toxicity information available. Treat symptomatically.

Eyes Causes serious eye irritation.
Skin Causes skin irritation.

Section 12. Ecological information

Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.



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Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/L	48 hr EC50 crustacea, mg/L	ErC50 algae, mg/L
Ethyl 2-cyanoacrylate - (7085-85-0)	No data available.	No data available.	No data available.

Persistence and degradability

There is no data available on the preparation itself.

Bioaccumulative potential

Not Available

Mobility in soil

No data available.

Results of PBT and vPvB assessment

This product contains no PBT/vPvB/vPvM chemicals.

Other adverse effects

No data available.

Section 13. Disposal considerations

Waste treatment methods

Waste should not be released to sewers. Observe all federal, state, and local regulations when disposing of this substance.

Section 14. Transport information

	DOT (Domestic Surface Transportation)	TDG (Domestic Surface Transportation)
UN number	NA1993	Not Regulated
UN proper shipping name	Combustible liquid, n.o.s., (ethyl 2-cyanoacrylate, 2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER, POLYMER WITH METHYL 2-PROPENOATE)	Not Regulated
Transport hazard class(es)	Class: Combustible liquid	Class: Not Applicable Sub Class: Not Applicable
Packing group	III	Not Applicable
	IMO / IMDG (Ocean Transportation)	ICAO/IATA
UN number	Not Regulated	Not Regulated
UN proper shipping name	Not Regulated	Not Regulated



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Transport hazard class(es)	Class: Not Applicable Sub Class: Not Applicable	Class: Not Applicable Sub Class: Not Applicable
Packing group	Not Applicable	Not Applicable

Environmental hazards

IMDG Marine Pollutant: No;

Special precautions for user

Not Applicable

Section 15. Regulatory information

Regulatory Overview The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

This product has been classified in accordance with US OSHA's Hazard Communication Standard (1910.1200) revised 2024 and Canadian Hazardous Products Regulations (SOR/2015-17 amended 2022-12-15) (GHS revision 7) and the SDS contains all of the information required by those regulations.

Toxic Substance Control Act (TSCA)

Ethyl 2-cyanoacrylate

EPCRA 302 Extremely Hazardous:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 313 Toxic Chemicals:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Canadian Domestic Substance List (DSL):

Ethyl 2-cyanoacrylate

Canadian Non-Domestic Substance List (NDSL):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Carcinogens (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Developmental Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Female Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Male Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 Label Warning:

This product contains no chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.



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Section 16. Other information

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The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

IMPORTANT NOTE: This information is furnished without warranty, expressed or implied, as to accuracy or completeness. The information is obtained from various sources including the manufacturer and other third party sources. The information may not be valid under all conditions nor if this material is used in combination with other materials or any process. Final determination of suitability of any material is the sole responsibility of the user.

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