

1. IDENTIFICATION OF SUBSTANCE & COMPANY

According to Regulations (EC) NO 1907/2006 (REACH), Annex 11, as amended.

This product is an approved substance under the Hazardous Substances and New Organisms Act (HSNO, Approval **HSR002657**, Surface Coatings and Colourant (combustible) Group Standard 2017).

Product

Product Name	Walkease Glue 211648 – Walkease Glue 10 x 2 ml Dispenser Pack 225033 – Walkease Glue 10pack Outer Related SKUS Walkease Starter Kit 212094 – Large (blue) 212091 – Medium (yellow) 212090 – Small (red) 212102 – Mixed
CAS-No	7085-85-0
HSNO Approval	HSR002657
Intended Use	Glue
Approval Description	Surface Coatings and Colourants (Combustible) Group Standard 2017
UN Number	N/A

Supplier Details

Company	Shoof International Ltd	
Address	224 Laurent Road, Cambridge 3493 New Zealand	1 International Square Tullamarine, VIC 3043 Australia
Telephone	+64 7 827 3902 (NZ)	+61 3 9907 3000 (AU)
Website	www.shoof.co.nz	www.shoof.com.au
Emergency Contact (NZ)	0800 POISON (0800 764 766)	
Emergency Contact (AU)	13 11 26	

2. HAZARD IDENTIFICATION

The substance has been classified as hazardous according to the criteria in the Hazardous substance (Minimum Degrees of Hazard) Notice 2017.

GHS Classification



GHS07

Hazard Classes

Skin Irritation – Category 2
Eye Irritation – Category 2A
STOT SE – Category 3

Hazard Statements

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation

Precautionary Statements

Signal word	WARNING	
Precautionary Statements	P261 P280 P305+P351+P338	Avoid breathing dust/fume/gas/mist/vapours/sprays. Wear eye protection/face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P304+P340	If inhaled: Remove person to fresh air and keep comfortable for breathing.
Storage	P403+P233	Store in a well-ventilated place. Keep container tightly closed.
	P405	Store locked up.
Disposal	P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional Information:

Bonds skin and eyes in seconds. Keep out of reach of children.

3. COMPOSITION / INFORMATION ON INGREDIENTS

This product contains the following substances that present a hazard within the meaning of the relevant Hazardous Substances regulations.

Component	CAS / Identification	Weight (%)
Ethyl cyanoacrylate	7085-85-0	100%

This is a commercial product whose exact ratio of components may vary. Trace quantities of impurities are also likely.

4. FIRST AID

4.1 General Information

If medical advice is needed, have product container or label at hand. Call the National Poisons Centre or your doctor if you feel that you may have been harmed or irritated by the product.

4.2 Description of First Aid Measures

<u>After Inhalation:</u>	Remove victim to fresh air. Prolonged or repeated elevated exposure may cause allergic reactions with asthma-like symptoms in sensitive individuals.
<u>After Skin Contact:</u>	Do not pull bonded skin apart. Wash with soap and water. Gently peel apart using a dull instrument. If skin is burned due to the rapid generation of heat by a large drop, seek medical attention. If lips are bonded, apply warm water to the lips and encourage wetting and pressure from saliva in mouth. Peel or roll lips apart. Do not pull lips apart with direct opposing force.
<u>After Eye Contact:</u>	Immediately flush with plenty of water for at least 15 minutes. Get medical attention. If eyelids are bonded closed, release eyelashes with warm water by covering with a wet pad. Do not force eye open. Cyanoacrylate will bond to eye protein and will cause a lachrymatory effect which will help to de-bond the adhesive. Keep eye covered until debonding is complete, usually within 1-3 days. Medical attention should be sought in case solid particles of polymerized cyanoacrylate trapped behind the eyelid caused abrasive damage.

After Swallowing: Peel or roll skin apart. Adhesive becomes solid in contact with saliva and may adhere to inside of mouth. Saliva will lift adhesive in 1-2 days. Avoid swallowing solid adhesive after detachment. Not a toxic product.

Note to physician: Surgery is not necessary to separate accidentally bonded tissues. Experience has shown that bonded tissues are best treated by passive, non-surgical first aid. If rapid curing has caused thermal burns they should be treated symptomatically after adhesive is removed.

5. FIREFIGHTING MEASURES

5.1 Extinguishing Media

Suitable extinguishing agents: Dry powder. Foam. Water spray. Carbon dioxide.

For safety reasons unsuitable extinguishing agents: No information available.

5.2 Special hazards arising from the substances or mixture

Trace amounts of toxic and/or irritating fumes may be released and the use of breathing apparatus is recommended.

5.3 Advice for Firefighters

Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA).

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains

6.3 Methods and material for contamination and cleaning up

Do not use cloths for mopping up.

Flood with water to complete polymerisation and scrape off the floor.

Cured material can be disposed on as non-hazardous waste.

6.4 Reference to other sections

See sections **7** for safe handling, section **8** for information on PPE and section **13** for disposal information.

7. STORAGE HANDLING

Precaution for safe handling

Avoid contact with eyes, skin and clothing. Avoid breathing vapor and mist. Keep container closed when not in use.

Conditions for safe storage including incompatibilities

Keep in a cool, well-ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.
Recommended storage temperature: 2-8 °C.

8. EXPOSURE CONTROLS / PERSONAL PROTECTIVE EQUIPMENT

Engineering Controls: Use positive down-draft exhaust ventilation if general ventilation is insufficient to maintain vapor concentration below established exposure limits.

- Respiratory Protection:** Use NIOSH approved respirator if there is potential to exceed exposure limit(s). Observe OSHA regulations for respiratory use (29 CFR 1910.134).
- Skin Protection:** Use nitrile gloves and aprons as necessary to prevent contact. Do not use PVC, nylon or cotton
- Eye/Face Protection:** Chemical splash goggles or safety glasses with side shields.

9. PHYSICAL & CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

GENERAL INFORMATION	
Physical State	Liquid
Colour	Clear, colourless
Odor	Sharp, Irritating
Odor threshold	1-2 ppm
Vapour pressure	Less than 0.2 mm Hg at 25°C (77°F)
pH	Not applicable
Melting point range	Not determined
Boiling point range	Greater than 149°C (300°F)
Specific gravity	1.04 at 20°C
Vapor density	Approximately 3
Evaporation rate	Not available
Solubility in water	Polymerises in presence of water
Partition coefficient (in octanol/water)	Not determined
VOC content	Less than 2%; 20g/L (California SCAQMD Method 316B) (estimated)

10. STABILITY & REACTIVITY

10.1 Stability

Stable under recommended storage conditions.

10.2 Hazardous Polymerisation

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

10.3 Hazardous decomposition products

None

10.4 Incompatible materials

Polymerised by water, alcohol, amines, alkaline materials and direct UV.

10.5 Conditions to avoid

Avoid temperature above 80°C, moisture and alkaline.

11. TOXICOLOGICAL INFORMATION

Product Toxicity Data

Acute Oral	LD50	>5000mg/kg bw (rat) (estimated)
Acute Dermal	LD50	>2000 mg/kg bw (rabbit) (estimated)

Carcinogen Status

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA
Ethyl Cyanoacrylate 7085-85-0	No	No	No

Literature Reference Target Organ & Other Health Effects

Hazardous components	Health Effects/Target Organs
Ethyl Cyanoacrylate 7085-85-0	Allergen, Irritant, Respiratory

12. ECOLOGICAL INFORMATION

Ecological Information: Not known

13. DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Information provided is for unused product only.

Recommendation

Dispose of in accordance with Federal, State, and local regulations.

EPA hazardous waste number

Not a RCRA hazardous waste.

14. TRANSPORT INFORMATION

14.1	UN number or ID number 49 CFR, ICAO/IATA, IMOD/IMDG	N/A
14.2	UN proper shipping name 49 CFR, ICAO/IATA, IMOD/IMDG	Cyanoacrylate ester
14.3	Transport hazard class(es) 49 CFR, ICAO/IATA, IMOD/IMDG	N/A
14.4	Packing group 49 CFR, ICAO/IATA, IMOD/IMDG	N/A
14.5	Environmental hazards Marine pollutant	No
14.6	Special precautions for user	Not applicable
14.7	Maritime transport in bulk according to IMO instruments	Not applicable

15. REGULATORY INFORMATION

United States Regulatory Information

TSCA 8 (b) Inventory Status
TSCA 12 (b) Export Notification
CERCLA/SARA Section 302 EHS
CERCLA/SARA Section 311/312

CERCLA/SARA 313
California Proposition 65

All ingredients in this mixture are in compliance with TSCA
None
None
Immediate Health Hazard, Delayed Health Hazard, Fire, Reactive
None
No California Proposition 65 listed chemicals are known to be present.

Canada Regulatory Information

CEPA DSL/NDL Status

All components are listed on or are exempt from listing on the domestic substance list.

WHMIS hazard class

B.3, D.2.B

European Community

EEC Label symbol and classification

“Xi” - Irritant

16. OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Exposure Scenarios

This SDS has one annex which includes the Exposure Scenarios developed in the Chemical Safety Assessment.

Abbreviations and Acronyms

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail).

NOAEL: Non-Observed Adverse Effect Level.

LOAEL: Lowest Observed Adverse Effect Level.

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road).

STOT SE: Specific Target Organ Toxicity – Single Exposure.

49 CFR: US Department of Transportation Ground

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association.

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

DNEL: Derived No-Effect Level (REACH).

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Review

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Disclaimer

This SDS is prepared by Shoof International Ltd and is based on our current state of knowledge, including information obtained from the supplier. The SDS is given in good faith and constitutes a guideline (not guarantee of Safety). The level of risk each substance poses is relevant to its properties (as summarised in the SDS) **AND HOW THE SUBSTANCE IS USED**. While guidelines are given for personal protective equipment, such precautions must be relevant to the use. The likely HSN and GHS classification for this SDS has been estimated based on general information from the supplier (such as hazard, toxicological).