

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

#### 1.1. Product identifier

Product name : Extru-Fix  
Product code : EVOEXTRUFIX

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

##### 1.2.1. Relevant identified uses

Industrial use only. Adhesive applications.

##### 1.2.2. Uses advised against

Not known.

#### 1.3. Details of the supplier of the safety data sheet

Signgeer Limited  
Valhalla Business Park, Dobles Lane, Holsworthy, Devon, EX22 6HN, UK  
T 0044 1409 259802  
hello@signggeer.com  
www.signggeer.com

#### 1.4. Emergency telephone number

Emergency number : 0800 5 999 059 (Office Hours – 08:45 – 17:30)  
+44 111 NHS Direct

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

GB CLP Regulation, UK SI 2019/720 and UK SI 2020/1567  
Acute Tox. 4: Harmful if swallowed.  
Skin Irrit. 2: Causes skin irritation.  
Eye Irrit. 2: Causes serious eye irritation.  
Acute Tox. 4: Harmful if inhaled.  
STOT SE 3: May cause drowsiness or dizziness.  
Carc. 2: Suspected of causing cancer.

#### 2.2. Label elements

According to GB CLP Regulations, UK SI 2019/720 and UK SI 2020/1567

Hazard pictograms (CLP) :



Signal word (CLP) : Warning

Hazard statements (CLP) : H302: Harmful if swallowed.  
H315: Causes skin irritation.  
H319: Causes serious eye irritation.  
H332: Harmful if inhaled.  
H336: May cause drowsiness or dizziness.  
H351: Suspected of causing cancer.

Precautionary statements (CLP) : P202: Do not handle until all safety precautions have been read and understood.  
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
P270: Do not eat, drink or smoke when using this product.  
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.  
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308+P313: IF exposed or concerned: Get medical advice/attention.  
P362+P364: Take off contaminated clothing and wash it before reuse.  
P405: Store locked up.  
P501: Dispose of contents in accordance with local, state or national legislation.

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### 2.3. Other hazards

None known.

### 2.4. Additional information

For full text of H/P statements see section 16.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixture

Name	Product identifier	%W/W	Hazard Statements	Hazard Pictograms
Dichloromethane Methylene Chloride	(CAS No) 75-09-2 (EC/REACH Reg no) 200-838-9 01-2119480404-41	45-75	Skin Irrit. 2 H315 Eye Irrit. 2 H319 STOT SE 3 H336 Carc. 2 H351	GHS08 GHS07
1-Methoxy-2-Propanol Monopropylene Glycol Methyl Ether	(CAS No) 107-98-2 (EC/REACH Reg no) 203-539-1 01-2119457435-35	5-30	Flam. Liq. 3 H226 STOT SE 3 H336	GHS02 GHS07
Nitroethane	(CAS No) 79-24-3 (EC/REACH Reg no) 201-188-9	5-30	Flam. Liq. 3 H226 Acute Tox. 4 H302 Acute Tox 4. H332	GHS02 GHS07
1-Nitropropane	(CAS No) 108-03-2 (EC/REACH Reg no) 203-544-9	5-30	Flam. Liq. 3 H226 Acute Tox. 4 H302 Acute Tox. 4 H312 Acute Tox. 4 H332	GHS02 GHS07

For full text of H/P statements see section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

Inhalation :Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTRE/doctor if you feel unwell.  
Skin Contact :Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. Specific treatment (see Medical Advice on this label).  
Eye Contact :Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.  
Ingestion :Rinse mouth. Immediately call a POISON CENTRE/doctor.

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

May cause irritation.

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

Specific treatment (see Medical Advice on this label). Call a POISON CENTER/doctor if you feel unwell. Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : As appropriate for surrounding fire.

Unsuitable extinguishing media : None.

### 5.2. Special hazards arising from the substance or mixture

May decompose in a fire, giving off toxic and irritant vapours.

### 5.3. Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

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### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Ensure full personal protection (including respiratory protection) during removal of spillages.

#### 6.2. Environmental precautions

Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

#### 6.3. Methods and material for containment and cleaning up

Absorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal.

#### 6.4. Reference to other sections

For further information refer to section 8, 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash hands and exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

#### 7.2. Conditions for safe storage, including any incompatibilities

Store locked up. Store in a well-ventilated place. Keep container tightly closed.

Storage temperature: Ambient.

Storage life: Stable under normal conditions.

Incompatible materials: None known.

#### 7.3. Specific end use(s)

Industrial use only. Adhesive applications.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

Occupational Exposure Limits						
Substance	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m <sup>3</sup> )	STEL (ppm)	STEL (mg/ m <sup>3</sup> )	Note
Nitroethane	79-24-3	20	62	100	312	Sk
Dichloromethane	75-09-2	100	353	200	706	BMGV, Sk
1-Methoxypropan-2-ol	107-98-2	100	375	150	560	Sk

**Region** United Kingdom  
**Source** UK Workplace Exposure Limits EH40/2005 (Fourth edition, published 2020)

**Remark** Sk  
BMGV  
**Notes** Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.  
Biological monitoring guidance values are listed in Table 2.

Biological Exposure Indices						
Substance	CAS No.	Sampling	Tissues	Control Parameters	Biological Monitoring Guidance Value	Comments
Dichloromethane	75-09-2	Post shift	End-tidal breath	Carbon monoxide	30 ppm	

**Remark** **Notes**

#### 8.2. Exposure controls

8.1.1. Appropriate engineering controls : Use with ventilation, local exhaust ventilation or breathing protection. A washing facility/water for eye and skin cleaning purposes should be present.

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### 8.2.2. Personal Protection Equipment



Eye Protection

Wear eye protection with side protection (EN166).



Skin protection

Wear protective clothing and gloves: Impervious gloves (EN 374).



Respiratory protection

A suitable mask with filter type A (EN14387 or EN405) may be appropriate.



Thermal hazards

None known.

### 8.2.3. Environmental Exposure Controls

Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Colourless.
Odour	Pungent.
Odour threshold	Not known.
pH	N/A
Melting point/freezing point	Not known.
Initial boiling point and boiling range	40°C
Flash Point	>70°C
Evaporation rate	Not known.
Flammability (solid, gas)	Not known.
Upper/lower flammability or explosive limits	Not known.
Vapour pressure	Not known.
Vapour density	Not known.
Density (g/ml)	Not known.
Relative density	1.2
Solubility(ies) Solubility (Water) :	Slightly miscible in water
Solubility (Other) :	Not known.
Partition coefficient: noctanol/water	Not known.
Auto-ignition temperature	>300°C
Decomposition Temperature (°C)	Not known
Viscosity	Not known.
Explosive properties	Not known.
Oxidising properties	Not known.

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### 9.2. Other information

None.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

None anticipated.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

### 10.4. Conditions to avoid

None anticipated.

### 10.5. Incompatible materials

Not known.

### 10.6. Hazardous decomposition products

No hazardous decomposition products known.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity - Ingestion	Calculation method : Harmful if swallowed. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 1250
Acute toxicity - Skin Contact	Calculation method : Not classified.
Acute toxicity - Inhalation	Self classification: Harmful if inhaled.
Skin corrosion/irritation	Self classification: Causes skin irritation.
Serious eye damage/irritation	Self classification: Causes serious eye irritation.
Skin sensitization data	Calculation method : Not classified.
Respiratory sensitization data	Calculation method : Not classified.
Germ cell mutagenicity	Calculation method : Not classified.
Carcinogenicity	Calculation method : Suspected of causing cancer.
Reproductive toxicity	Calculation method : Not classified.
Lactation	Not classified.
STOT - single exposure	Self classification: May cause drowsiness or dizziness.
STOT - repeated exposure	Not classified
Aspiration hazard	Calculation method : Not classified.

### 11.2. Other information

Not known.

## SECTION 12: Ecological information

### 12.1. Toxicity

Toxicity - Aquatic invertebrates	Low toxicity to invertebrates.
Toxicity - Fish	Low toxicity to fish.
Toxicity - Algae	Low toxicity to algae.
Toxicity - Sediment Compartment	Not classified.
Toxicity - Terrestrial Compartment	Not classified.

### 12.2. Persistence and degradability

Not known.

### 12.3. Bioaccumulative potential

Not known.

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### 12.4. Mobility in soil

Not known.

### 12.5. Results of PBT and vPvB assessment

Not known.

### 12.6. Other adverse effects

Not known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Dispose of contents in accordance with local, state or national legislation. Send to a licensed recycler, reclaimer or incinerator. Dispose of this material and its container to hazardous or special waste collection point. Dispose at suitable refuse site.

### 13.2. Additional information

Disposal should be in accordance with local, state or national legislation.

## SECTION 14: Transport information

UN No. 2810  
UN proper shipping name TOXIC LIQUID, ORGANIC, N.O.S.

### ADR/RID

ADR/RID Class 6.1  
ADR Classification Code T1  
Special Provisions 274 614  
Limited Quantities 5L  
Excepted Quantities E1  
Emergency Action Code 2X  
Mixed Packing Instructions for Packages P001 IBC03 LP01 R00  
Special Packing Provisions for Packages  
Mixed Packing Instructions for Packages MP19  
Packing Instructions for Portable Tanks T7  
Special Provisions for Portable Tanks TP1 TP28  
Tank Code for Tanks L4BH  
Special Provisions for Tanks TU15 TE19  
Vehicle for Tank Carriage AT  
ADR Transport Category 2  
Tunnel Restriction Code E  
Special Provisions for Carriage – Packages V12  
Special Provisions for Carriage – Bulk  
Special Provisions for Carriage – Loading, Unloading and Handling CV13 CV28  
Special Provisions for Carriage – Operation S9  
ADR HIN 60

### IMDG

IMDG Class 6.1  
Special Provisions 274 614  
Limited Quantities 5L  
Excepted Quantities E1  
Mixed Packing Instructions for Packages P001 IBC03 LP01 R00  
Special Packing Provisions for Packages  
Packing Instructions for Portable Tanks T7  
Special Provisions for Portable Tanks TP1 TP28  
IMDG EMS F-A, S-A  
Stowage and Handling Category A SW2

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Segregation  
Marine Pollutant

### ICAO/IATA

IATA Proper Shipping Name	TOXIC LIQUID, ORGANIC, N.O.S.
Excepted Quantities	E1
Passenger and Cargo Aircraft Limited Quantities Packing Instructions	Y642
Passenger and Cargo Aircraft Limited Quantities Max net Qty	2L
Passenger and Cargo Aircraft Packing Instructions	655
Passenger and Cargo Aircraft Max net Qty	60L
Cargo Aircraft Packing Instructions	663
Cargo Aircraft Max net Qty	220L
Special Provisions	A3, A4, A137
Emergency Response	6L
Guidebook (ERG) Code	

### Labels

Labels

6.1



Packing group	III
Environmental hazards	Not classified as a Marine Pollutant.
Special precautions for user	Not known.

Transport in bulk according to Annex II of Marpol and the IBC Code  
No information available

## SECTION 15: Regulatory information

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

United Kingdom Regulations - Authorisations and/or Restrictions On Use

UK REACH Candidate List of Substances of Very High Concern for Authorisation  
Not listed

UK REACH Authorisation List (Annex XIV) list of substances subject to authorisation  
Not listed

UK REACH Restrictions List (Annex XVII) Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles  
dichloromethane (75-09-2), nitroethane (79-24-3), 1-nitropropane (108-03-2), 1-methoxy-2-propanol monopropylene glycol methyl ether (107-98-2)

UK REACH Rolling Action Plan (RAP)  
Not listed

The Persistent Organic Pollutants Regulations 2007 (SI 2007/3106) as amended  
Not listed

The Ozone-Depleting Substances and Fluorinated Greenhouse Gases (Amendment etc.) (EU Exit) Regulations 2019 (SI 2019/583)  
Not listed

The Prior Informed Consent (PIC) Regulations concerning the export and import of hazardous chemicals SI2008/2108 as amended  
Not listed

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European Regulations - Authorisations and/or Restrictions On Use  
Community Rolling Action Plan (CoRAP) dichloromethane (75-09-2)

### 15.2. Chemical safety assessment

United Kingdom A REACH chemical safety assessment has not been carried out.

## SECTION 16: Other information

The following sections contain revisions or new statements:

### LEGEND

Hazard Pictogram(s)



GHS07 GHS08  
GHS02: GHS: flame

Hazard classification

Flam. Liq. 3 : Flammable liquid, Category 3  
Acute Tox. 4 : Acute toxicity, Category 4  
Acute Tox. 4 : Acute toxicity, Category 4  
Skin Irrit. 2 : Skin corrosion/irritation, Category 2  
Eye Irrit. 2 : Serious eye damage/irritation, Category 2  
Acute Tox. 4 : Acute toxicity, Category 4  
STOT SE 3 : Specific target organ toxicity — single exposure, Category 3  
Carc. 2 : Carcinogenicity, Category 2

Hazard Statement(s)

H226: Flammable liquid and vapour.  
H302: Harmful if swallowed.  
H312: Harmful in contact with skin.  
H315: Causes skin irritation.  
H319: Causes serious eye irritation.  
H332: Harmful if inhaled.  
H336: May cause drowsiness or dizziness.  
H351: Suspected of causing cancer.

Precautionary Statement(s)

P201: Obtain special instructions before use.  
P202: Do not handle until all safety precautions have been read and understood.  
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264: Wash hands and exposed skin thoroughly after handling.  
P270: Do not eat, drink or smoke when using this product.  
P271: Use only outdoors or in a well-ventilated area.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P301+P312: IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell.  
P302+P352: IF ON SKIN: Wash with plenty of water.  
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308+P313: IF exposed or concerned: Get medical advice/attention.  
P312: Call a POISON CENTRE/doctor if you feel unwell.  
P321: Specific treatment (see Medical Advice on this label).  
P330: Rinse mouth.  
P332+P313: If skin irritation occurs: Get medical advice/attention.  
P337+P313: If eye irritation persists: Get medical advice/attention.  
P362+P364: Take off contaminated clothing and wash it before reuse.  
P403+P233: Store in a well-ventilated place. Keep container tightly closed.  
P405: Store locked up.



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P501: Dispose of contents in accordance with local, state or national legislation.

### Acronyms

ADN : European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE : Acute Toxicity Estimate

CAS : Chemical Abstracts Service

DNEL : Derived No Effect Level

EC : European Community

EINECS : European Inventory of Existing Commercial Chemical Substances

IATA : International Air Transport Association

IBC : Intermediate Bulk Container

ICAO : International Civil Aviation Organization

IMDG : International Maritime Dangerous Goods

LTEL : Long term exposure limit

PBT : Persistent, Bioaccumulative and Toxic

PNEC : Predicted No Effect Concentration

REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals

RID : Regulations concerning the International Carriage of Dangerous Goods by Rail

STEL : Short term exposure limit

STOT : Specific Target Organ Toxicity

UN : United Nations

vPvB : very Persistent and very Bioaccumulative

### Key literature references and sources for data used to compile the SDS

GB CLP Regulation, UK SI 2019/720 and UK SI 2020/1567

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