

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

### 1.1. Product identifier

Product name : Extru-Fix  
 Product code : EVOEXTRUFIX  
 CAS Number : Mixture  
 EX No. : Mixture  
 REACH Registration No. : None assigned  
 MFCD Number : N/A  
 EINECS : N/A

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

#### 1.2.1. Relevant identified uses

Industrial/Professional use spec : Industrial use only.  
 For professional use only  
 Use of the substance/mixture : 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@signgeer.com - www.signgeer.com

### 1.4. Emergency telephone number

Emergency number : 0800 5 999 059 (Office Hours)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP)  
 Acute Tox. 4 : Harmful if swallowed.  
 Acute Tox. 4 : Harmful if inhaled.  
 Carc. 2 : Suspected of causing cancer.  
 Eye Irrit. 2 : Causes serious eye irritation.  
 Skin Irrit. 2 : Causes skin irritation.  
 STOT SE 3 : May cause drowsiness or dizziness.

### 2.2. Label elements

According to Regulation (EC) No. 1272/2008 (CLP)

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) : None.

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### 2.3. Other hazards

No information available.

## 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	45-75	Carc. 2 H351	GHS08
1-Methoxy-2-Propanol Monopropylene Glycol Methyl Ether	(CAS No) 107-98-2 (EC/REACH Reg no) 203-539-1	10-40	Flam. Liq. 3 H226 STOT SE 3 H336	GHS02 GHS07
Nitroethane	(CAS No) 79-24-3 (EC/REACH Reg no) 201-188-9	5-20	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	5-20	Flam. Liq. 3 H226 Acute Tox. 4 H302 Acute Tox. 4 H312 Acute Tox. 4 H332	GHS02 GHS07

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general	: Call a physician immediately.
First-aid measures after inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
First-aid measures after 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).
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Immediately call a POISON CENTRE or doctor/physician. Rinse mouth water.

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

Causes burns.

### 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

Protection during firefighting	: 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

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

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

Store in a locked, 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
Nitroethane	79-24-3	62	20	312	100	IOELV, skin
Dichloromethane	75-09-2	100	353	200	706	BMGV, Sk
Methylene chloride; Dichloromethane	75-09-2	353	100	706	200	IOELV, skin
1-Methoxypropan-2-ol	107-98-2	100	375	150	560	Sk
1-Methoxypropanol-2	107-98-2	100	375	150	568	IOELV, skin

#### Region

EU  
United Kingdom

#### Source

EU Occupational Exposure Limits  
UK Workplace Exposure Limits EH40/2005 (Third edition, published 2018)

#### Remark

Sk  
  
IOELV  
Skin  
BMGV  
Skin

#### 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.  
IOELV: Indicative Occupational Exposure Limit Value  
The possibility of significant uptake through the skin.  
Biological monitoring guidance values are listed in Table 2.  
The possibility of significant uptake through the skin.

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### 8.2. Exposure controls

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.
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.



Environmental exposure controls	: Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.
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## 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	Not known.
Melting point/freezing point	Not known.
Initial boiling point and boiling range	37°C
Flash Point	Not known.
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
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 - 1250.00000
Acute toxicity - Skin Contact	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 Not classified.
Respiratory sensitization data	Not classified. Germ cell mutagenicity Not classified.
Carcinogenicity	Calculation method : Suspected of causing cancer.
Reproductive toxicity	Not classified.
Lactation	Not classified.
STOT - single exposure	Self classification: May cause drowsiness or dizziness. STOT - repeated exposure Not classified
Aspiration hazard	Not classified.

### 12.1. Toxicity

## SECTION 12: Ecological information

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.

### 12.4. Mobility in soil

Not known.

### 12.5. Results of PBT and vPvB assessment

Not known.

### 12.6. Other adverse effects

Not known.

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### 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.

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  
Segregation  
Marine Pollutant

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### 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

#### European Regulations - Authorisations and/or Restrictions On Use

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

REACH: ANNEX XIV list of substances subject to authorisation  
Not listed

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

Community Rolling Action Plan (CoRAP)  
Dichloromethane (75-09-2)

Regulation (EC) N° 850/2004 of the European Parliament and of the Council on persistent organic pollutants  
Not listed

Regulation (EC) N° 1005/2009 on substances that deplete the ozone layer  
Not listed

Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals  
Not listed

National regulations  
Other Not known.

### 15.2. Chemical safety assessment

A REACH chemical safety assessment has not been carried out.

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### SECTION 16: Other information

The following sections contain revisions or new statements:

#### LEGEND

Hazard Pictogram(s)



GHS08 GHS07  
GHS02: GHS: flame

Hazard classification

Acute Tox. 4 : Acute toxicity, Category 4

Carc. 2 : Carcinogenicity, Category 2

Flam. Liq. 3 : Flammable liquid, Category 3

Hazard Statement(s)

STOT SE 3\_H336 : Specific target organ toxicity — single exposure, Category 3

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.

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.

P281: Use personal protective equipment as required.

P301+P312: IF SWALLOWED: Call a POISON CENTER/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 CENTER/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.

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

CAS : Chemical Abstracts Service

CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

DNEL : Derived No Effect Level EC : European Community



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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

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