

Fiba-Pol

easy-trim WeatherProofing

Section 1: Identification of the mixture and of the company undertaking

1.1 Product Identifier

Product Name Fiba-Pol

1.2 Relevant identified uses of the mixture

Identified Use Trowel-applied roofing membrane bridging repair product

1.3 Details of the suppliers of the safety data sheet

Supplier

EASY-TRIM ROOFING & CONSTRUCTION PRODUCTS LIMITED
UNIT 12B METCALF DRIVE
ALTHAM INDUSTRIAL ESTATE
ALTHAM
BB5 5TU

+44 (0) 845 034 6008 (Mon-Fri 08.30 - 17.30hrs. opening hours)
+44 (0) 845 034 6010 (Fax)

1.4 Emergency contact details

Outside of office hours (as listed above),
contact: +44 (0) 845 034 6008 Email: technical@easy-trim.co.uk

Section 2: Hazards identification

2.1 Classification of the substance mixture

Physical and chemical hazard

Human Health

Flam. Liq. 3 H226
Acute tox.4-H312;
Acute tox.4- H332;
Skin Irritant-2 H315
STOT SE 3-H335,
Asp. Tox. 1-H304

Environment

Aquatic chronic 2 – H411

The full text for all risk phrases and hazard statements are displayed in section 16.

Tel: +44 (0) 845 034 6008

e: enquiries@easy-trim.co.uk

f: +44 (0) 845 034 6010

Unit 12B Metcalf Drive
Altham Industrial Estate | Altham
Lancashire | BB5 5TU | England

w: www.easy-trim.co.uk

find us:



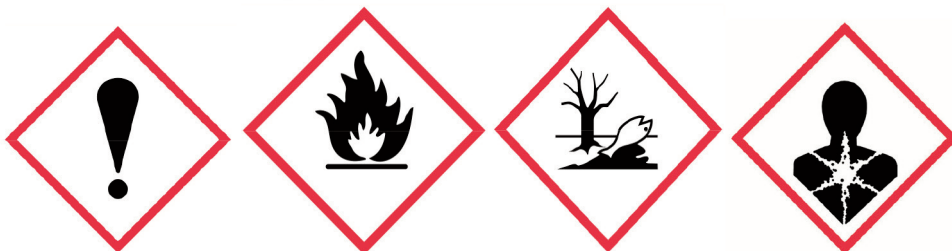
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2.2 Label elements

Contains

Hydrocarbons, Aromatics, Xylene

Label in accordance with (EC) No 1272/2008



Signal word

Danger

Hazard statements

HH226 Flammable liquid and vapour
H304 May be fatal if swallowed and enters airways
H312 Harmful in contact with skin
H315 Causes skin irritation
H332 Harmful if inhaled
H335 May cause respiratory irritation
P271 Use outdoors only or in a well-ventilated area
P273 Avoid release into the environment
P280 Wear protective gloves/clothing/eye protection
P260 Do not breathe vapours
P301-310 If swallowed, IMMEDIATELY call a poison centre/ Doctor
P331 Do NOT induce vomiting
Material and container must be disposed of as hazardous waste

Precautionary statements

Section 3: Composition of ingredients

3.2 Mixtures

HYDROCARBONS, C9, AROMATICS

EC Number 918-668-5

30-40 %

Registration number 01-2119455851-35

Classification (EC 1272/2008)

Flam. Liq. 3 – H226

EUH066

STOT SE-3 – H 335, H336

Asp.Tox. 1 – H304

Aquatic Chronic 2 – H411

Classification (67/547/EEC)

Xn: R65

Xi : R37

N ; R51, R53

R10, R66, R67

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Section 3: Composition of ingredients - Cont.

XYLENE	5-7 %
CAS-No: 1330-20-7	EC No. : 215-535-7 Registration number 01-2119488216-32
Classification (EC 1272/2008)	Classification (67/548/EEC)
Flam Liq. – H226	R10
Acute Tox. 4 – H312	Xn ; R20/21
Acute Tox. 4 – H332	Xi ; R38
Skin irritant 2 – H315	
Eye irritant 2 – H319	
STOT SE 3 – H335	
STOT RE 2 – H373	
Asp. Tox. 1 – H304	

The full text for all R-phrases and Hazard statements are displayed in section 16

Section 4: First aid measurements

4.1 Description of first aid measures

General information

Remove victim immediately from source of exposure. Provide fresh air, warmth and rest, preferably in an upright sitting position. Perform artificial respiration if breathing has stopped. Do not give victim anything to drink if they are unconscious.

Inhalation

Remove victim immediately from source of exposure Move into fresh air and keep at rest. Perform artificial respiration if breathing has stopped. Get medical attention if discomfort continues.

Ingestion

Immediately rinse the mouth out and provide fresh air. DO NOT induce vomiting. Get medical assistance immediately.

Skin Contact

Remove contaminated clothing and rinse skin thoroughly with water. Get medical attention if any discomfort continues.

Eye contact

Immediately flush out the eyes with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Seek medical attention if discomfort continues.

Treat symptomatically.

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Section 5: Fire-fighting measures

5.1 Extinguishing media

Extinguishing media

Extinguish with foam, carbon dioxide dry powder or water fog.

Unsuitable extinguishing media

Do not use a water-jet as an extinguisher, as this will spread the fire.

5.2 Special hazards arising from the mixture

Hazardous combustion products

Thermal decomposition or combustion may liberate oxides of carbon and other toxic gasses or vapours.

Unusual Fire and Explosion hazards

FLAMMABLE. Forms explosive mixtures with air. Vapours are heavier than air and may spread near to the ground to sources of ignition. May travel considerable distances to a source of ignition and flash backwards.

Specific hazards

The product is flammable, and heating may generate vapours that may form explosive vapour/air mixtures, even at room temperatures. Vapours may be ignited by hot surfaces, sparks or glowing embers.

5.3 Advice for firefighters

Special fire-fighting procedures

Keep up wind to avoid exposure to fumes. Where possible, fight fires from a protected position. Move containers from the source of fire if this can be done without risk. Use a supplied air-respirator if the product is involved in a fire. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water courses. Bund surrounding areas for waste water control. Avoid using water jets or straight hose streams, as this will scatter and spread the fire.

Protective equipment for fire-fighters

Self-contained breathing apparatus and full protective clothing must be worn in the case of fire.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in section 8 of this data sheet. Ensure personnel wear suitable personal protective equipment (including respiratory protection) during removal of spillages in confined areas. In case of inadequate ventilation, use respiratory protection. Take precautionary measures against static discharges. Do not smoke, have open fire or other sources of ignition in the area of accidental spillages. Do NOT breathe in vapours, and suitable eye protection MUST be worn.

6.2 Environmental precautions

Do not discharge onto the ground or into water courses. Do not allow any environmental contamination. Never use water by itself to contain spillages, use absorbent neutral non-combustible materials to contain and absorb spillages.

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Section 6: Accidental release measures - Cont.

6.3 Methods and materials for containment and clean up

If leakages cannot be stopped, evacuate the area affected. Clean-up personnel should wear suitable personal protective equipment, including respiratory equipment. Wash all clothing thoroughly after dealing with any spillages. Extinguish all ignition sources. Avoid sparks, heat sources and smoking. Absorb spillages with non-combustible absorbent inert materials, e.g. sand, earth or Vermiculite-type materials. Prevent run-off or release into sewers and waterways through bunding techniques. Inform Local Authorities if large quantities are involved. Spillage may be stored as chemical waste in approved areas.

Section 7: Handling and storage

7.1 Precautions for safe handling

Avoid spilling, eye and skin contact. Keep away from heat, sparks and open flame sources. Eliminate all sources of ignition. Build up and discharge of static electricity or sparks must be prevented. Protect nearby electrical equipment against sparking to prevent the risk of explosion. Wear full protective clothing for prolonged exposure and/or high concentration. Contaminated cloths must be put into fire-proof containers for disposal. Always remove contamination on the skin using skin-cleansing agents or soap and water. Do NOT clean hands with organic solvents. Containers of the materials should remain closed when not in use.

7.2 Conditions for safe storage, including incompatibilities

Keep away from heat, sparks and open flames. Keep containers tightly closed when not in use. Keep product away from food, drink and animal feed stuffs. Highly Flammable/combustible-Keep away from oxidising agents, heat and flames. Eliminate static electricity build-up through suitable earthing/grounding methods. Keep the material in the original container as supplied.

Section 8: Exposure controls and personal protection

8.1 Control parameters

Name	Std	TWA-8 hours	STEL – 15 minutes
C9 Hydrocarbons	OEL	100 mg m ⁻³	
Xylene	WEL	50 ppm (skin)	100 ppm (skin)
		191 mg m ⁻³ (skin)	441 mg m ⁻³ (skin)

OEL = Occupational Exposure Limit

WEL = Workplace Exposure Limit

Xylene

DNEL				
Industry	Inhalation	Short term	442	mg m ⁻³
Industry	Inhalation	Long term	180	mg kg ⁻¹ day ⁻¹
Industry	Dermal	Long term	3182	mg kg ⁻¹ day ⁻¹

PNEC

DNEL				
Freshwater	Intermittent release		0.327	mg l ⁻¹
Marine water	Intermittent release		0.327	mg l ⁻¹
Sediment	Fresh water		12.46	mg kg ⁻¹
Sediment	Marine water		12.46	mg kg ⁻¹
Soil			2.31	mg kg ⁻¹
STP			6.58	mg l ⁻¹

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Section 8: Exposure controls and personal protection - Cont.

8.2 Exposure Controls

Protective equipment



Process Conditions

Use engineering controls to reduce air contamination to permissible exposure levels in confined areas. Provide suitable eye wash facilities.

Engineering measures

Provide adequate ventilation, including localised exhaust extraction to ensure that the defined occupational exposure limit is not exceeded. Explosion-proof general and local exhaust ventilation.

Respiratory equipment

If ventilation is insufficient, suitable respiratory equipment must be provided. Working in confined or poorly ventilated spaces, respiratory protection with air supply must be used. Check the face mask is tight fitting and change the cartridge filter regularly.

Hand protection

Protective gloves must be worn if there is a risk of direct contact or splashes. Manufactured/tested in accordance with EN 374. Be aware, the solvent component of the substance might penetrate the gloves. Frequent change is recommended.

Eye protection

Wear splash-proof eye goggles to prevent possible eye contact. Manufactured/tested in accordance with EN 166. Use face shield in case of splash risk.

Other protection

Use barrier creams to prevent skin contact. Provide eye wash stations and safety showers. Wear appropriate clothing to prevent repeated or prolonged skin contact.

Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. Eating, smoking and water-fountains should be prohibited in the area immediately adjacent to product use.

8.3 Consumer Use

For professional use only

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Fibre-enhanced liquid
Colour	Colour as labelled (e.g. White, Grey, Black)
Odour	Aromatic
Solubility	Immiscible with water, soluble in aromatic hydrocarbons
Initial boiling point and range	150-178°C
Relative Density	1.15-1.2 gcm ⁻³ at 20°C
Viscosity	Typically 800-1200 Poise at 20°C Brookfield Viscometer, Spindle 7, 5 rpm
Flash point	33°C, Closed cup method
Auto-ignition temperature	>450°C
Flammability Limit Lower (%)	0.6%
Flammability Limit Upper (%)	7%

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Section 10: Stability and reactivity

10.1 Reactivity

Air-drying product, relatively unreactive

10.2 Chemical stability

Stable under normal temperature conditions and recommended use (Typically 0-30°C).

10.3 Possibility of hazardous reactions

Hazardous polymerisation unlikely, as product doesn't polymerise under normal storage conditions and under conditions of use.

10.4 Conditions to avoid

Avoid heat, flames and all other sources of ignition.

10.5 Incompatible materials

Avoid strong oxidising substances.

10.6 Hazardous decomposition products

None at ambient temperature or at the range of temperatures the product is designed to be used at. Thermal decomposition or combustion may liberate oxides of carbon and other toxic gasses or vapours.

Section 11: Toxicological information

11.1 Information on toxicological effects

Aromatics

Toxic Dose 1 – LD50 4300 mg Kg⁻¹

General information

Prolonged and repeated contact with solvent component over a long period may lead to permanent health problems. Extensive use of the product without adequate ventilation may result in hazardous vapour concentrations.

Inhalation

Droplets of the products aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia. Contains organic solvents, which in case of overexposure may depress the central nervous system, causing dizziness and intoxication.

Ingestion

Harmful: May cause lung damage if swallowed. Pneumonia may result if vomited material containing solvents reaches the lungs.

Skin contact

Repeated exposure may cause skin dryness or cracking.

Eye contact

Irritation to the eyes and mucous membranes may result.

Health warnings

Prolonged or repeated contact leads to drying of the skin. Prolonged and repeated contact with solvent components over a long period of time may cause health problems.

Route of entry

Ingestion and inhalation.

Target organs

Brain: Respiratory system: Lungs: Mucous membranes.

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Section 11: Toxicological information - Cont.

Medical symptoms

Skin irritation. Irritation of the eyes and mucous membranes. High concentrations of vapours may irritate respiratory system, leading to headaches, fatigue, nausea and vomiting.

Medical Considerations

Skin disorders and allergies. Convulsive disorders, Central Nervous System problems, risk of pneumonia after aspiration.

Specific effects

Prolonged or repeated contact with the product may cause serious skin diseases, for example dermatitis. Prolonged or frequent inhalation of vapours in high concentrations may cause permanent damage to the nervous system, including the brain.

Section 12: Ecological information

12.1 Acute Fish Toxicity

Toxic to aquatic organisms LC50 96 hrs Fish mg l⁻¹ 2.6-8.4 (Xylene component)

12.2 Persistence and degradability

The product is expected to be bio-degradable.

12.3 Bio accumulative potential

12.4 Mobility in soil

Mobility:

The product contains VOC (volatile organic components) which will easily evaporate from all surfaces.

Section 13: Disposal considerations

General information

Do not puncture or incinerate containers even when empty. Waste product, empty containers, discarded work clothes and used disposable rags and towels must be collected in designated receptacles, labelled up with the contents identified. Waste products are classified as hazardous waste, and disposal to a licensed waste disposal site must be carried out in accordance with the Local Waste Authority regulations.

13.1 Waste treatment methods

For larger quantities, contact a specialist disposal company. Do not allow to run off to sewers, ground-water tables or into water courses. Confirm disposal procedures with an environmental engineer in accordance with local regulations.

Waste Class

Hazardous Waste. The product contains a substance that is harmful to aquatic organisms, and which may cause long-term adverse effects on the said aquatic environment. Allocation of a waste code number in accordance with European Waste Catalogue should be carried out in agreement with an Environment Agency authorised waste disposal company.

Tel: +44 (0) 845 034 6008

e: enquiries@easy-trim.co.uk

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Section 14: Transportation information

14.1 UN Number

UN No (ADR/RID/AND) 1268

UN No (IMDG) 1268

UN No (ICAO) 1268

14.2 UN Proper shipping name

Proper shipping name PETROLEUM DISTILLATES N.O.S.

14.3 Transport Hazard Class (es)

AADR/RID/ADN Class 3

ADR/RID/AND Class Class 3 : Flammable Liquids

ADR Label No 3

IMDG Class 3

Transport Labels

14.4 Packaging Group

AADR/RID/AND Packaging group III

IMDG Packaging group III



14.5 Environmental hazards

Environmentally Hazardous substance/Marine pollutant



14.6 Special precautions for user

Emergency action code 3Y

Hazard No. (ADR) 3O (Flammable liquid,
flash point between 23C and 60C)

Tunnel restriction D/E

Section 15: Regulatory information

15.1 UK Regulatory references

Chemicals (Hazard Information and Packaging) Regulations.

Guidance Notes

Workplace Exposure Limits EH40.

European Union Legislation

(EC) Regulation No 1271/2008 with effect from June 1st 2015

Tel: +44 (0) 845 034 6008

e: enquiries@easy-trim.co.uk

f: +44 (0) 845 034 6010

Unit 12B Metcalf Drive
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Section 15: Regulatory information

15.2 Chemical Safety Assessment

No chemical safety assessment has been carried out by the supplier for this mixture.

Section 16: Other information

General information

For professional use only, used by trained personnel only

Information sources

Manufacturers Material Safety Data Sheets and Approved Raw Material Suppliers list

Revision comments

Amended to be in accordance with REACH 1271/2008 regulations.

Issued	November 2014
Revision	Revision three
Supersedes date	April 2013
Safety Data sheet status	Approved (11.2014)

Risk phrases in full

R101	Flammable
R20/21	Harmful by inhalation and through contact with the skin
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation
R65	Harmful: May cause lung damage if swallowed
R37/38	Irritating to respiratory system and skin
R63	Possible harm to the unborn child
R66	Repeated exposure may cause skin dryness and cracking
R51/53	Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment
R67	Vapours may cause drowsiness and dizziness

Hazard statements in full

H226	Highly flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H315	Causes skin irritation
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H361d	Suspected of damaging the unborn child
H373	May cause damage to organs through prolonged or repeated exposure if inhaled
H411	Toxic to aquatic life with long-lasting effects

Explanation of abbreviations used in the document

EC No. (also EINECS No.)	European Inventory of Existing Commercial Substances Number
CAS No.	Chemical Abstract Services Number
OEL	Occupational Exposure Limit

Tel: +44 (0) 845 034 6008

e: enquiries@easy-trim.co.uk

f: +44 (0) 845 034 6010

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Section 16: Other information - Cont.

WEL	Worker Exposure Limit
TWA	Time weighted average
STEL	Short Term Exposure Limit
LD50	Lethal Dose of 50% of a test population (also known as Median Lethal Dose)
LC50	Lethal Concentration for 50% of a test population
STOT-SE	Specific Target Organ Toxicity Single Exposure
STOT-RE	Specific Target Organ Toxicity Repeated Exposure

Disclaimer

The information relates only to this specified material and may not be valid for such materials used in combinations with other materials and processes. This information is, to the best of the Company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy themselves as to the suitability of the information on the material for their own particular use.

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