

FIX-R
CLASSIC
FLAT ROOFING

TRAFFIC 10

SECTION 1

Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name: FIX-R Classic Traffic 10

Stock code: 10513509

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

Use : Polyurethane coating for chemical protection, sealing and waterproofing
<<FOR PROFESSIONAL USERS ONLY>>

1.3. Details of the supplier of the safety data sheet

FIX-R, Harding Way, St Ives, Cambridgeshire PE27 3YJ

Tel: 01480 466 777 Fax: 01480 290 133 Email: info@fix-r.co.uk www.fix-r.co.uk

1.4. Emergency telephone number

01480 466 777

SECTION 2

Hazards Identification

2.1. Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45

Classification : R10
Xn; R20/21
R36/37/38


Hazard Class and Category Code Regulation EC 1272/2008 (CLP)

Health hazards : Acute toxicity, Inhalation - Category 4 - Warning (CLP : Acute Tox. 4) H332
Skin irritation - Category 2 - Warning (CLP : Skin Irrit. 2) H315
Eye irritation - Category 2A - Warning (CLP : Eye Irrit. 2) H319
Specific Target Organ Toxicity - Single exposure - Respiratory tract irritation -
Category 3 - Warning (CLP : STOT SE 3) H335


Physical hazards : Flammable liquids - Category 3 - Warning (CLP : Flam. Liq. 3) H226

2.2. Label elements

Labelling EC 67/548 or EC 1999/45

Symbol(s)	:	
Symbol(s)	:	Xn : Harmful
R Phrase(s)	:	R10 : Flammable. R20/21 : Harmful by inhalation and in contact with skin. R36/37/38 : Irritating to eyes, respiratory system and skin.
S Phrase(s)	:	S2 : Keep out of the reach of children. S25 : Avoid contact with eyes. S36/37 : Wear suitable protective clothing and gloves. S40 : To clean the floor and all objects contaminated by this material, use xylene. S46 : If swallowed seek medical advice immediately and show this container or label.
Contains	:	Xylene - 3-isocyanatomethyl-3,5,5-trimethylcyclohexylisocyanate << Contains isocyanates. See information supplied by the manufacturer>>.

Labelling Regulation EC 1272/2008 (CLP)

Hazard pictograms	:	
Signal words	:	Warning
Hazard statements	:	H226 : Flammable liquid and vapour. H319 : Causes serious eye irritation. H315 : Causes skin irritation. H332 : Harmful if inhaled. H335 : May cause respiratory irritation. H373 : May cause damage to organs through prolonged or repeated exposure.

Precautionary statements

General	:	P101 : If medical advice is needed, have product container or label at hand. P102 : Keep out of reach of children. P103 : Read label before use.
Prevention	:	P280 : Wear eye protection, face protection. P280 : Wear protective gloves, protective clothing, eye protection, face protection. P210 : Keep away from heat, sparks, open flames or hot surfaces - No smoking. P233 : Keep container tightly closed. P240 : Ground/bond container and receiving equipment. P241 : Use explosion-proof electrical, ventilating, lighting, ..., equipment. P260 : Do not breathe dust, fume, gas, mist, vapours, spray. P264 : Wash thoroughly after handling. P271 : Use only outdoors or in a well-ventilated area.
Response	:	P321 : Specific treatment (see on this label). P305+P351+P338 : IF IN EYES : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P370+P378 : In case of fire : Use all extinguishing media for extinction. P304+P340 : IF INHALED : Remove to fresh air and keep at rest in a position comfortable for breathing. P302+P352 : IF ON SKIN : Wash with plenty of soap and water. P303+P361+P353 : IF ON SKIN (or hair) : Remove immediately all contaminated clothing. Rinse skin with water/shower. P312 : Call a POISON CENTER or doctor if you feel unwell. P332+P313 : If skin irritation occurs : Get medical advice. P363 : Wash contaminated clothing before reuse.
Storage	:	P403+P235 : Store in well-ventilated place. Keep cool. P403+P233 : Store in well-ventilated place. Keep container tightly closed. P405 : Store locked up.

Disposal considerations : P501 : Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Contains : Xylene - 3-isocyanatomethyl-3,5,5-trimethylcyclohexylisocyanate

Contains : EUH204 : Contains isocyanates. May produce an allergic reaction.

2.3. Other hazards

The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

SECTION 3

Composition/Information on Ingredients

Substance / Preparation : Preparation.

Hazardous component(s) : This product is hazardous.

Substance name	Contents	CAS No	EC No	Annex No	REACH Ref.	Classification
3-isocyanatomethyl-3,5,5-trimethylcyclohexylisocyanate	: < 0,5 %	4098-71-9	223-861-6	615-008-00-5	-	T; R23 Xi; R36/37/38 R42/43 N; R51-53 ----- Acute Tox. 3 (inhal) _ H331 Resp. Sens. 1 _ H334 Eye irrit 2 _ H319 Skin Irrit. 2 _ H315 STOT SE 3 _ H335 Skin Sens. 1 _ H317 Aquatic Chronic 2 _ H411
Substance name	Contents	CAS No	EC No	Annex No	REACH Ref.	Classification
Xylene	: = 50 %	1330-20-7	215-535-7	601-022-00-9	-	R10 Xn; R20/21-65 Xi; R36/37/38 ----- Asp. Tox 1 _ H304 Flam. Liq. 3 _ H226 Acute Tox. 4 (skin) _ H312 Acute Tox. 4 (inhal) _ H332 Eye irrit 2 _ H319 Skin Irrit. 2 _ H315 STOT SE 3 _ H335 STOT RE 2 _ H373

SECTION 4

First Aid Measures

4.1. Description of first aid measures

Inhalation : Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.

Skin contact : Wash contaminated clothing before reuse. Wash with plenty of soap and water. If skin irritation occurs : Specific treatment (see on this label). Get medical advice.

Eye contact : Get medical advice. If eye irritation persists : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Ingestion : Do not induce vomiting. Obtain emergency medical attention.

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

Symptoms relating to use : Causes serious eye irritation. Causes skin irritation.
May cause respiratory irritation.

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

General information : Never give anything by mouth to an unconscious person.
If you feel unwell, seek medical advice (show the label where possible).

SECTION 5

Fire-fighting Measures

5.1. Extinguishing media

Suitable extinguishing media : Foam. Water spray. Dry powder. Carbon dioxide. Sand.
Unsuitable extinguishing media : Do not use a heavy water stream.
Surrounding fires : Use water spray or fog for cooling exposed containers.

5.2. Special hazards arising from the substance or mixture

Flammable class : Flammable liquid and vapour.
Hazardous combustion products : Under fire conditions, hazardous fumes will be present.

5.3. Advice for firefighters

Protection against fire : Do not enter fire area without proper protective equipment, including respiratory protection.
Special procedures : Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

SECTION 6

Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

For emergency responders : Equip cleanup crew with proper protection. Ventilate area.
Technical measures : Use special care to avoid static electric charges. Eliminate every possible source of ignition. No naked lights. No smoking.
Technical measures : Remove ignition sources. No naked lights. No smoking.

6.2. Environmental precautions

Environmental precautions : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Clean up methods : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spills and put it into appropriated container.

6.4. Reference to other sections

See section 8. Exposure controls/personal protection

SECTION 7

Handling and Storage

7.1. Precautions for safe handling

Technical protective measures : Use explosion-proof electrical, ventilating, lighting, ..., equipment. Use only non-sparking tools. Proper grounding procedures to avoid static electricity should be followed. Provide good ventilation in process area to prevent formation of vapour.
Handling : Use only outdoors or in a well-ventilated area. Take precautionary measures against static discharge. Wash thoroughly after handling. Handle empty containers with care because residual vapours are flammable. Avoid breathing dust, fume, gas, mist, vapours, spray.
Special precautions : No naked lights. No smoking. In use, may form flammable vapour-air mixture. Store and handle as though always a serious potential fire/explosion and health hazard exists. Avoid breathing dust, fume, gas, mist, vapours, spray.

7.2. Conditions for safe storage, including any incompatibilities

- Storage : Ground/bond container and receiving equipment. Keep container tightly closed. Keep in fireproof place. Keep only in the original container in a cool, well ventilated place.
- Storage - away from : Heat sources. Direct sunlight, Strong bases. Strong acids. Sources of ignition.

7.3. Specific end use(s)

- Specific end use(s) : None.

SECTION 8

Exposure Controls/Personal Protection

8.1. Control parameters

8.2. Exposure controls

- Personal protection :     
- Respiratory protection : Where excessive vapour may result, wear approved mask.
- Hand protection : In case of repeated or prolonged contact wear gloves.
- Skin protection : Wear suitable protective clothing.
- Eye protection : Chemical goggles or safety glasses.
- Others : When using, do not eat, drink or smoke.

SECTION 9

Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Colour	Transparent, White, Grey, Red, Green, e.t.c.
Odour	Characteristic
Odour threshold	No data available
pH value	Not applicable
Melting point/freezing point	No data available
Decomposition point [°C]	No data available
Critical temperature [°C]	No data available
Auto-ignition temperature [°C]	No data available
Flash point [°C]	28
Initial boiling point [°C]	No data available
Final boiling point [°C]	No data available
Evaporation rate	No data available
EAcid/alkali reserve [g NaOH/100g]	No data available
Explosion limits - lower [%]	No data available
Explosion limits - upper [%]	No data available
Vapour pressure mm/Hg	No data available
Vapour density	No data available
Density [g/cm ³]	0.95 - 1.00
Solubility in water [% weight]	No data available
Solubility in water	Insoluble
Log Pow octanol / water at 20°C	No data available
Solubility	Organic solvents
Viscosity at 20°C [mPa.s]	100 - 200
Explosive properties	No data available
Oxidising properties	No data available

9.2. Other information

SECTION 10

Stability and Reactivity

10.1. Reactivity

Reactivity : Not established.

10.2. Chemical stability

Chemical stability : Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions : None under normal conditions.

10.4. Conditions to avoid

Conditions to avoid : Open flame. Overheating. Direct sunlight. Heat. Sparks.
Extremely high or low temperatures.

10.5. Incompatible materials

Materials to avoid : Strong acids. Strong bases. Oxidizing agent.

10.6. Hazardous decomposition products

Hazardous decomposition products : May release flammable gases. Fumes.

SECTION 11

Toxicological Information

11.1. Information on toxicological effects

Acute toxicity	Harmful if inhaled
Corrosion	Not established.
Irritation	Causes serious eye irritation. Causes skin irritation. May cause respiratory irritation.
Sensitization	May cause an allergic skin reaction.
Mutagenicity	Not established.
Carcinogenicity	Not established.
Toxic for reproduction	Not established.
STOT-single exposure	Not established.
STOT-repeated exposure	Not established.
Aspiration hazard	Not established.

SECTION 12

Ecological Information

12.1. Toxicity

Toxicity information : The product has been not fully tested.
The calculated risk has been done under the requirements of the EU regulations.

12.2. Persistence - degradability

Persistence - degradability : No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential : No data available.

12.4. Mobility in soil

Log Pow octanol / water at 20°C : No data available.
Mobility in soil : Not established.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment : Not applicable.

12.6. Other adverse effects

Environmental precautions : Avoid release to the environment.

SECTION 13

Disposal Considerations

13.1. Waste treatment methods

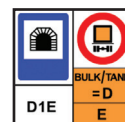
General	:	Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. Avoid release to the environment.
Special precautions	:	Handle empty containers with care because residual vapours are flammable.

SECTION 14

Transport Information

14.1. Land transport (ADR-RID)

Proper shipping name	:	COATING SOLUTION (includes surface treatments or coatings used for industrial or other purposes such as vehicle under coating, drum or barrel lining)
UN N°	:	1139
H.I. nr	:	30
ADR - Class	:	3
Labelling - Transport	:	3
ADR - Classification code	:	F1
ADR - Group	:	III
ADR - Packing instructions	:	P001 R001 LPO01
ADR - Limited Quantity	:	5 L
ADR - Tunnel code	:	D/E



14.2. Sea transport (IMDG) [English only]

Proper Shipping Name	:	COATING SOLUTION (includes surface treatments or coatings used for industrial or other purposes such as vehicle under coating, drum or barrel lining)
UN N°	:	1139
IMO-IMDG - Class or division	:	3
IMO-IMDG - Packing group	:	III
IMO-IMDG - Packing instructions	:	P001 LPO1
IMO-IMDG - Limited quantities	:	5 L
IMO-IMDG - Marine pollution	:	No
EMS-Nr	:	F-E S-E

14.3. Air transport (ICAO-IATA) [English only]

Proper shipping name	:	COATING SOLUTION (includes surface treatments or coatings used for industrial or other purposes such as vehicle under coating, drum or barrel lining)
UN N°	:	1139
IATA - Class or division	:	3
IATA - Packing group	:	III
IATA - Passenger and Cargo Aircraft	:	ALLOWED
Passenger and Cargo - Packing instruction	:	355
Passenger and Cargo - Maximum Quantity/Packing	:	60 L
IATA - Cargo only	:	ALLOWED
Cargo only - Packing instruction	:	366
Cargo only - Maximum Quantity/Packing	:	220L
IATA - Limited Quantities	:	10 L
ERG-Nr	:	3L

SECTION 15

Regulatory Information

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

Safety, health and environmental regulations/legislation specific for the substance or mixture	:	Ensure all national/local regulations are observed.
REACH Authorisation - Annex XIV	:	The components of this product are not subject to restrictions.
REACH Authorisation - Annex XIV	:	The components of this product are not subject to authorization.

15.2. Chemical Safety Assessment

Chemical Safety Assessment : It has not been carried out.

SECTION 16

Other information

Revision : Revision - See : *

Abbreviations and acronyms : vPvB : very persistent and very bioaccumulative
PBT : persistent, bioaccumulative and toxic.

Sources of key data used : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

List of relevant R phrases (heading 3) : R10 : Flammable.
R20/21 : Harmful by inhalation and in contact with skin.
R23 : Toxic by inhalation.
R36/37/38 : Irritating to eyes, respiratory system and skin.
R42/43 : May cause sensitization by inhalation and skin contact.
R51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 : Harmful : may cause lung damage if swallowed.

List of full text of H-statements in section 3 : H226 : Flammable liquid and vapour.
H304 : May be fatal if swallowed and enters airways.
H312 : Harmful in contact with skin.
H315 : Causes skin irritation.
H317 : May cause an allergic skin reaction.
H319 : Causes serious eye irritation.
H331 : Toxic if inhaled.
H332 : Harmful if inhaled.
H334 : May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335 : May cause respiratory irritation.
H373 : May cause damage to organs through prolonged or repeated exposure.
H411 : Toxic to aquatic life with long lasting effects.

Further information : None.

In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation (CE) N° 1272/2008

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