



# Material Safety Data Sheet (MSDS)

## FastCoat Pro Traffic Coat Part B

---

### **Section 1: Identification of the Mixture and of the Company / Undertaking.**

#### **1.1 Product identifier.**

Product Name: FASTcoat Traffic Coat Part B

Product Code: P332

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

Coating

##### **Uses advised against:**

Uses other than those recommended.

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

Company: Liquid Roofing Systems Ltd

Address: Prees Green

City: Shropshire

Telephone: 01948 841 877

Fax: 01948 841 854

E-mail: [info@lrs-systems.co.uk](mailto:info@lrs-systems.co.uk)

Web: [lrs-systems.co.uk](http://lrs-systems.co.uk)

#### **1.4 Emergency telephone number: 01948 841 877 (Only available during office hours)**

---

### **Section 2: Hazards Identification.**

#### **2.1 Classification of the mixture.**

In accordance with Regulation (EU) No 1272/2008: Acute Tox. 3 : Toxic if inhaled.

Skin Sens. 1 : May cause an allergic skin reaction. STOT SE 3 : May cause respiratory irritation.

## 2.2 Label elements.

### Labelling in accordance with Regulation (EU) No 1272/2008:

Pictograms:



Signal Word:

**Danger**

H statements:

H317 May cause an allergic skin reaction.

H331 Toxic if inhaled.

H335 May cause respiratory irritation.

P statements:

P280 Wear protective gloves/protective clothing/eye protection/face protection. P501  
Dispose of contents/container as hazardous waste

P302+P352 IF ON SKIN: Wash with plenty of water/...

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P333+P313 If skin irritation or rash occurs: 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.

Contains:

1,6-diisocyanatehexane homopolymer Homopolímero de 1.6-Hexametilen Diisocianato

## 2.3 Other hazards.

In normal use conditions and in its original form, the product itself does not involve any other risk for health and the environment.

---

## **Section 3: Composition / Information on Ingredients.**

### **3.1 Substances.**

Not Applicable.

### **3.2 Mixtures.**

Substances posing a danger to health or the environment in accordance with the Regulation (EC) No. 1272/2008, assigned a Community exposure limit in the workplace, and classified as PBT/vPvB or included in the Candidate List:

Identifiers	Name	Concentrate	(*)Classification - Regulation (EC) No 1272/2008	
			Classification	specific concentration limit
CAS No: 28182-81-2 Registration No: 01-2119488934-20-0000	Homopolímero de 1.6-Hexametilen Diisocianato	22 - 100 %	Acute Tox. 4, H332 - Skin Sens. 1, H317 - STOT SE 3, H335	-
CAS No: 28182-81-2 Registration No: 01-2119488177-26-0000	1,6-diisocyanatehexane homopolymer	20 - 25 %	Acute Tox. 3, H331 - Skin Sens. 1, H317 - STOT SE 3, H335	-

(\*) The complete text of the H phrases is given in section 16 of this Safety Data Sheet.

## **Section 4: First Aid Measures.**

### **4.1 Description of first aid measures.**

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

#### **Inhalation.**

Take the victim into open air; keep them warm and calm. If breathing is irregular or stops, perform artificial respiration. Do not administer anything orally. If unconscious, place them in a suitable position and seek medical assistance.

#### **Eye contact.**

If wearing contact lenses, remove them. Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up and seek medical assistance.

#### **Skin contact.**

Remove contaminated clothing. Wash skin vigorously with water and soap or a suitable skin cleaner. NEVER use solvents or thinners.

### **Ingestion.**

If accidentally ingested, seek immediate medical attention. Keep calm. NEVER induce vomiting.

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

Irritant Product, repeated or prolonged contact with skin or mucous membranes can cause redness, blisters or dermatitis, inhalation of spray mist or particles in suspension may cause irritation of the respiratory tract, some symptoms may not be immediate. Can cause allergic reactions.

Toxic Product, accidental contact may result in serious respiratory difficulties, alteration of the central nervous system and in extreme cases, unconsciousness. Immediate medical assistance is required.

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

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

---

### **Section 5: Firefighting Measures.**

The product does not present any particular risk in case of fire.

#### **5.1 Extinguishing media. Recommended extinguishing methods.**

Extinguisher powder or CO<sub>2</sub>. In case of more serious fires, also alcohol-resistant foam and water spray. Do not use a direct stream of water to extinguish.

#### **5.2 Special hazards arising from the mixture. Special risks.**

Fire can cause thick, black smoke. As a result of thermal decomposition, dangerous products can form: carbon monoxide, carbon dioxide. Exposure to combustion or decomposition products can be harmful to your health.

#### **5.3 Advice for firefighters.**

Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account. Prevent the products used to fight the fire from going into drains, sewers, or waterways.

#### **Fire protection equipment.**

According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and gloves.

---

## **Section 7: Handling and Storage.**

### **7.1 Precautions for safe handling.**

For personal protection, see section 8. Never use pressure to empty the containers. They are not pressure-resistant containers. In the application area, smoking, eating, and drinking must be prohibited.

Follow legislation on occupational health and safety.

Keep the product in containers made of a material identical to the original.

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

Store according to local legislation. Observe indications on the label. Store the containers between 5 and 35° C, in a dry and well-ventilated place, far from sources of heat and direct solar light. Keep far away from ignition points. Keep away from oxidising agents and from highly acidic or alkaline materials. Do not smoke. Prevent the entry of non-authorized persons. Once the containers are open, they must be carefully closed and placed vertically to prevent spills.

Classification and threshold amount of storage in accordance with Annex I to Directive 2012/18/EU (SEVESO III):

Code	Description	Qualifying quantity (tonnes) for the application of	
		Lower-tier requirements	Upper-tier requirements
H2	ACUTE TOXIC	50	200

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

Not available.

---

## **Section 8: Exposure Controls / Personal Protection.**


### **8.1 Control parameters.**

The product does NOT contain substances with Professional Exposure Environmental Limit Values. The product does NOT contain substances with Biological Limit Values.

### **8.2 Exposure controls.**

#### **Measures of a technical nature:**

Provide adequate ventilation, which can be achieved by using good local exhaust-ventilation and a good general exhaust system.

<b>Concentration:</b>	<b>100 %</b>		
<b>Uses:</b>	<b>Coating</b>		
<b>Breathing protection:</b>			
PPE:	Filter mask for protection against gases and particles.		
Characteristics:	«CE» marking, category III. The mask must have a wide field of vision and an anatomically designed form in order to be sealed and watertight.		
CEN standards:	EN 136, EN 140, EN 405		
Maintenance:	Should not be stored in places exposed to high temperatures and damp environments before use. Special attention should be paid to the state of the inhalation and exhalation valves in the face adaptor. Read carefully the manufacturer's instructions regarding the equipment's use and maintenance. Attach the necessary filters to the equipment according to the specific nature of the risk (Particles and aerosols: P1-P2-P3, Gases and vapours: A-B-E-K-AX), changing them as advised by the manufacturer.		
Observations:	Filter Type needed: A2		
<b>Hand protection:</b>			
PPE:	Protective gloves against chemicals.		
Characteristics:	«CE» marking, category III.		
CEN standards:	EN 374-1, En 374-2, EN 374-3, EN 420		
Maintenance:	Keep in a dry place, away from any sources of heat, and avoid exposure to sunlight as much as possible. Do not make any changes to the gloves that may alter their resistance, or apply paints, solvents or adhesives.		
Observations:	Gloves should be of the appropriate size and fit the user's hand well, not being too loose or too tight. Always use with clean, dry hands.		
Material:	PVC (polyvinyl chloride)	Breakthrough time (min.):	> 480
		Material thickness (mm):	0,35
<b>Eye protection:</b>			
PPE:	Face shield.		
Characteristics:	«CE» marking, category II. Face and eye protector against splashing liquid.		
CEN standards:	EN 165, EN 166, EN 167, EN 168		
Maintenance:	Visibility through lenses should be ideal. Therefore, these parts should be cleaned daily. Protectors should be disinfected periodically following the manufacturer's instructions. Make sure that mobile parts move smoothly.		
Observations:	Face shields should offer a field of vision with a dimension in the central line of, at least, 150 mm vertically once attached to the frame.		
<b>Skin protection:</b>			
PPE:	Anti-static protective clothing.		
Characteristics:	«CE» marking, category II. Protective clothing should not be too tight or loose in order not to obstruct the user's movements.		
CEN standards:	EN 340, EN 1149-1, EN 1149-2, EN 1149-3, EN 1149-5		
Maintenance:	In order to guarantee uniform protection, follow the washing and maintenance instructions provided by the manufacturer.		
Observations:	The protective clothing should offer a level of comfort in line with the level of protection provided in terms of the hazard against which it protects, bearing in mind environmental conditions, the user's level of activity and the expected time of use.		
PPE:	Anti-static safety footwear.		
Characteristics:	«CE» marking, category II.		
CEN standards:	EN ISO 13287, EN ISO 20344, EN ISO 20346		
Maintenance:	The footwear should be checked regularly		
Observations:	The level of comfort during use and acceptability are factors that are assessed very differently depending on the user. Therefore, it is advisable to try on different footwear models and, if possible, different widths.		

---

## **Section 9: Physical and Chemical Properties.**

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

Appearance: Colourless liquid Colour: colourless or yellowish Odour: almost odourless

Odour threshold. /N.A. pH:n.a.

Melting point: not determined °C Boiling Point: - °C

Flash point: - °C

Evaporation rate: not determined In flammability (solid, gas): non-flammable Lower Explosive Limit: 9,5% vol

Upper Explosive Limit: N.A./N.A. Vapour pressure: <0,0001 hPa at 20°C Vapour density: not determined Relative density:1,1 g/cm<sup>3</sup> Solubility: organic solvents Lip solubility: soluble

Hydro solubility: Insoluble. Reacts

Partition coefficient (n-octanol/water): not determined Auto-ignition temperature: N.A./N.A.

Decomposition temperature: N.A./N.A. Viscosity: approx. 3000 mPa.s at 23°C Explosive properties: not determined Oxidizing properties: not determined

N.A./N.A.= Not Available/Not Applicable due to the nature of the product

### **9.2 Other information.**

Pour point: -24°C Blink: not determined

Kinematic viscosity: not determined-24°C

N.A./N.A.= Not Available/Not Applicable due to the nature of the product.

---

## **Section 10: Stability and Reactivity.**

### **10.1 Reactivity.**

The product does not present hazards by their reactivity.

### **10.2 Chemical stability.**

Stable under the recommended handling and storage conditions (see section 7).

### **10.3 Possibility of hazardous reactions.**

The product does not present possibility of hazardous reactions.

### **10.4 Conditions to avoid.**

Avoid any improper handling.

### **10.5 Incompatible materials.**

Keep away from oxidising agents and from highly alkaline or acidic materials in order to prevent exothermic reactions.

### **10.6 Hazardous decomposition products.**

No decomposition if used for the intended uses.

---

## **Section 11: Toxicological Information.**

IRRITANT PREPARATION. The inhalation of spray mist or suspended particulates can irritate the respiratory tract. It can also cause serious respiratory difficulties, central nervous system disorders, and in extreme cases, unconsciousness.

### **11.1 Information on toxicological effects.**

There are no tested data available on the product.

Repeated or prolonged contact with the product can cause the elimination of oil from the skin, giving rise to non-allergic contact dermatitis and absorption of the product through the skin. Splatters in the eyes can cause irritation and reversible damage.

#### **a) acute toxicity; Product classified:**

Acute toxicity (Inhalation), Category 3: Toxic if inhaled.

Acute Toxicity Estimate (ATE): Mixtures:

ATE (Inhalation) = 1.954 mg/l/4 h (Gases) ATE (Inhalation) = 7 mg/l/4 h (Fumes)



**b) skin corrosion/irritation;**

Not conclusive data for classification.

**c) serious eye damage/irritation;**

Not conclusive data for classification.

**d) respiratory or skin sensitisation; Product classified:**

Skin sensitiser, Category 1: May cause an allergic skin reaction.

**e) germ cell mutagenicity;**

Not conclusive data for classification.

**f) carcinogenicity;**

Not conclusive data for classification.

**g) reproductive toxicity;**

Not conclusive data for classification.

**h) STOT-single exposure; Product classified:**

Specific target organ toxicity following a single exposure, Category 3:

**i) STOT-repeated exposure;**

Not conclusive data for classification.

**j) aspiration hazard;**

Not conclusive data for classification.

---

## **Section 12: Ecological Information.**

### **12.1 Toxicity.**

No information is available regarding the ecotoxicity of the substances present.

### **12.2 Persistence and degradability.**

No information is available about persistence and degradability of the product.

### **12.3 Bioaccumulative potencial.**

No information is available regarding the bioaccumulation of the substances present.

### **12.4 Mobility in soil.**

No information is available about the mobility in soil.

The product must not be allowed to go into sewers or waterways. Prevent penetration into the ground.

### **12.5 Results of PBT and vPvB assessment.**

No information is available about the results of PBT and vPvB assessment of the product.

### **12.6 Other adverse effects.**

No information is available about other adverse effects for the environment.

---

## **Section 13: Disposal Considerations.**

### **13.1 Waste treatment methods.**

Do not dump into sewers or waterways. Waste and empty containers must be handled and eliminated according to current, local/national legislation.

Follow the provisions of Directive 2008/98/EC regarding waste management.

---

## **Section 14: Transport Information.**

Transportation is not dangerous. In case of road accident causing the product's spillage, proceed in accordance with point 6.

### **14.1 UN number.**

Transportation is not dangerous.

### **14.2 UN proper shipping name.**

Description:

ADR: Transportation is not dangerous. IMDG: Transportation is not dangerous. ICAO: Transportation is not dangerous.

### **14.3 Transport hazard class(es).**

Transportation is not dangerous.

### **14.4 Packing group.**

Transportation is not dangerous.

### **14.5 Environmental hazards.**

Transportation is not dangerous.

### **14.6 Special precautions for user.**

Transportation is not dangerous.

### **14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code.**

Transportation is not dangerous.

---

## **Section 15: Regulatory Information.**

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

The product is not affected by the Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.

Volatile organic compound (VOC)

Product Subcategory (Directive 2004/42/EC): Two-pack reactive performance coatings for specific end use such as floors, solvent- borne

Phase I\* (from 01/01/2007): 550 g/l Phase II\* (from 01/01/2010): 500 g/l (\*) g/l ready to use

VOC content (p/p): 0 % VOC content: 0 g/l

The provisions of Directive 2004/42/EC on VOC apply to this product. Refer to the product label and/or technical data sheet for further information.

Product classification according to Annex I of Directive 2012/18/EU (SEVESO III): H2

The product is not affected by Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products.

The product is not affected by the procedure established Regulation (EU) No 649/2012, concerning the export and import of dangerous chemicals.

### **15.2 Chemical safety assessment.**

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

---

## **Section 16: Other Information.**

Complete text of the H phrases that appear in section 3:

H317 May cause an allergic skin reaction.

H331 Toxic if inhaled.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

### **Classification codes:**

Acute Tox. 3 [Inhalation]: Acute toxicity (Inhalation), Category 3 Acute Tox. 4 [Inhalation] : Acute toxicity (Inhalation), Category 4 Skin Sens. 1 : Skin sensitiser, Category 1

STOT SE 3: Specific target organ toxicity following a single exposure, Category 3

It is advisable to carry out basic training with regard to health and safety at work in order to handle this product correctly. Abbreviations and acronyms used:

CEN: European Committee for Standardization.

PPE: Personal protection equipment.

Key literature references and sources for data: <http://eur-lex.europa.eu/homepage.html>  
<http://echa.europa.eu/>

Regulation (EU) 2015/830. Regulation (EC) No 1907/2006. Regulation (EU) No 1272/2008.

The information given in this Safety Data Sheet has been drafted in accordance with COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.



## Legal Notes

The information, and in particular, the recommendations relating to the application and the end use of FastCoat Pro Traffic Coat, are given in good faith based on LRS current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with LRS recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no guarantee in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. LRS reserves the right to change the properties of its products. The proprietary rights of the third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request.