



**SAFETY DATA SHEET**  
FIRMAFIX 410ML DOWELLING ADHESIVE

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Compilation date: 26/06/2012

Revision date: 12/10/2017

Revision No: 3

**Section 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Product name:** FIRMAFIX 410ML DOWELLING ADHESIVE

**Product code:** 75588

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

**Use of substance / mixture:** A Chemical anchoring application

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

**Company name:** The Blast Shop  
The Memorial Centre Langley Road  
Pendlebury  
Manchester  
M27 8SS  
United Kingdom

**Tel:** 0161 351 5445

**Fax:** 0161 745 8071

**Email:** [info@theblastshop.co.uk](mailto:info@theblastshop.co.uk)

**1.4. Emergency telephone number**

**Emergency tel:** 0161 351 5445

**Section 2: Hazards identification**

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

**Classification under CLP:** \* Eye Irrit. 2: H319; Skin Sens. 1: H317

**Most important adverse effects:** May cause an allergic skin reaction. Causes serious eye irritation.

**2.2. Label elements**

**Label elements:**

**Hazard statements:** H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

**Hazard pictograms:** GHS07: Exclamation mark



**Signal words:** Warning

**Precautionary statements:** P264: Wash skin thoroughly after handling.

P272: Contaminated work clothing should not be allowed out of the workplace.

[cont...]

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P280: Wear protective gloves/protective clothing/eye protection/face protection.

P302+352: IF ON SKIN: Wash with plenty of water/soap.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+313: If eye irritation persists: Get medical advice/attention.

**2.3. Other hazards**

**Other hazards:** Not applicable.

**PBT:** This product is not identified as a PBT/vPvB substance.

**Section 3: Composition/information on ingredients**

**3.2. Mixtures**

**\* Hazardous ingredients:**

VINYL TOLUENE - REACH registered number(s): 01-21196222074-50-0000

EINECS	CAS	PBT / WEL	CLP Classification	Percent
246-562-2	25013-15-4	-	Acute Tox. 4: H332; Asp. Tox. 1: H304; Eye Irrit. 2: H319; Flam. Liq. 3: H226; Skin Irrit. 2: H315	3-10%

2-ETHYLHEXYL BENZOATE

226-641-8	5444-75-7	-	Aquatic Chronic 4: H413	1-3%
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DIBENZOYL PEROXIDE - REACH registered number(s): 01-2119511472-50-XXXX

202-327-6	94-36-0	-	Skin Sens. 1: H317; Org. Perox. B: H241; Eye Irrit. 2: H319	1-3%
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**Section 4: First aid measures**

**4.1. Description of first aid measures**

**Skin contact:** Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin. Consult a doctor.

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** If conscious, give half a litre of water to drink immediately. Do not induce vomiting. Consult a doctor.

**Inhalation:** Move to fresh air in case of accidental inhalation of vapours. Consult a doctor.

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

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** Harmful if swallowed.

**Inhalation:** Harmful by inhalation.

**Delayed / immediate effects:** Not applicable.

[cont...]

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

**Immediate / special treatment:** Show this safety data sheet to the doctor in attendance.

**Section 5: Fire-fighting measures**

**5.1. Extinguishing media**

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Dry chemical powder. Carbon dioxide. Do not use halons.

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

**Exposure hazards:** Sealed, heated containers can pressurise leading to explosion. In combustion emits toxic fumes.

**5.3. Advice for fire-fighters**

**Advice for fire-fighters:** Wear self-contained breathing apparatus.

**Section 6: Accidental release measures**

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

**Personal precautions:** Refer to section 8 of SDS for personal protection details.

**6.2. Environmental precautions**

**Environmental precautions:** Do not discharge into drains or rivers.

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

**Clean-up procedures:** Transfer to a suitable container. Wash the area with water.

**6.4. Reference to other sections**

**Reference to other sections:** Refer to section 13 of SDS.

**Section 7: Handling and storage**

**7.1. Precautions for safe handling**

**Handling requirements:** Keep away from Heat and sources of ignition.

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

**Storage conditions:** Ensure lighting and electrical equipment are not a source of ignition. Store in a cool, well ventilated area.

**Suitable packaging:** Must only be kept in original packaging.

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

**Specific end use(s):** Building and construction work (SU19).

**Section 8: Exposure controls/personal protection**

**8.1. Control parameters**

[cont...]

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**Hazardous ingredients:**

**DIBENZOYL PEROXIDE**

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	5 mg/m <sup>3</sup>	-	-	-

**DNEL/PNEC Values**

**DNEL / PNEC** No data available.

**8.2. Exposure controls**

**Engineering measures:** Ensure there is exhaust ventilation of the area. Ensure all engineering measures mentioned in section 7 of SDS are in place.

**Respiratory protection:** Breathing protection is required in inadequately ventilated places. Gas/vapour filter, type A: organic vapours (EN141).

**Hand protection:** Protective gloves. Wear solvent proof gloves. Nitrile gloves. Rubber gloves. Recommended thickness of material >0.4 mm. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**Eye protection:** Safety glasses.

**Skin protection:** Protective clothing.

**Environmental:** Ensure all engineering measures mentioned in section 7 of SDS are in place.

**Section 9: Physical and chemical properties**

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

**State:** Paste

**Colour:** Various

**Odour:** Sweet-smelling

**Oxidising:** Oxidising (by EC criteria)

**Solubility in water:** Insoluble

**Relative density:** 1.71

**VOC g/l:** 3.6

**9.2. Other information**

**Other information:** Solid suspension - classified as non-flammable according to results from Test N.1 test method for readily combustible solids.

**Section 10: Stability and reactivity**

**10.1. Reactivity**

**Reactivity:** Stable under recommended transport or storage conditions.

[cont...]

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**10.2. Chemical stability**

**Chemical stability:** Stable under normal conditions. May polymerise on heating.

**10.3. Possibility of hazardous reactions**

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

**10.4. Conditions to avoid**

**Conditions to avoid:** Direct sunlight. Heat. Sources of ignition.

**10.5. Incompatible materials**

**Materials to avoid:** Reducing agents. Amines. Acids. Alkalis. Heavy metal compounds.

**10.6. Hazardous decomposition products**

**Haz. decomp. products:** If exposed to high temperatures it will emit hazardous fumes and smoke.

**Section 11: Toxicological information**

**11.1. Information on toxicological effects**

**Hazardous ingredients:**

**DIBENZOYL PEROXIDE**

ORL	MUS	LD50	5700	mg/kg
ORL	RAT	LD50	7710	mg/kg

**Relevant hazards for product:**

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: calculated
Respiratory/skin sensitisation	DRM	Hazardous: calculated

**Symptoms / routes of exposure**

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** Harmful if swallowed.

**Inhalation:** Harmful by inhalation.

**Delayed / immediate effects:** Not applicable.

**Other information:** Not applicable.

**Section 12: Ecological information**

**12.1. Toxicity**

**Ecotoxicity values:** No data available.

[cont...]

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**12.2. Persistence and degradability**

**Persistence and degradability:** No data available.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No data available.

**12.4. Mobility in soil**

**Mobility:** Insoluble in water.

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

**PBT identification:** This product is not identified as a PBT/vPvB substance.

**12.6. Other adverse effects**

**Other adverse effects:** No data available.

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company. Small quantities of the product can be mixed and allowed to cure, then can be disposed as solid waste.

**Waste code number:** 08 04 12

**Disposal of packaging:** Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**Section 14: Transport information**

**Transport class:** This product does not require a classification for transport.

**Section 15: Regulatory information**

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

**Specific regulations:** Not applicable.

**15.2. Chemical Safety Assessment**

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

**Section 16: Other information**

**Other information**

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

\* indicates text in the SDS which has changed since the last revision.

Active Oxygen Content of Catalyst Component 0.99%

**Phrases used in s.2 and s.3:** H226: Flammable liquid and vapour.

[cont...]

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H241: Heating may cause a fire or explosion.

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H413: May cause long lasting harmful effects to aquatic life.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

ENVIRONMENTAL CARE: Please do not dispose of uncured material. If disposing please mix any waste product to its cured state.