

**SAFETY DATA SHEET**  
**Floorwise F579 Floor Fix Fast Set**  
According to Regulation (EC) No 1907/2006, Annex II

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

**Product name** Floorwise F579 Floor Fix Fast Set  
**Container size** 310ml

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

**Identified uses** Adhesive.

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

**Supplier** Floorwise Group Ltd  
Floorwise House  
22 High Street  
Kegworth  
Derby  
DE74 2DA  
Tel: 01509 673 974  
Fax: 01509 674 841

**1.4. Emergency telephone number**

**Emergency telephone** Floorwise: +44 (0) 1509 673 974 (Mon-Fri 09:00-17:00)

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification (EC 1272/2008)**

**Physical hazards** Not Classified  
**Health hazards** Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Resp. Sens. 1 - H334 Skin Sens. 1  
- H317 Carc. 2 - H351 STOT SE 3 - H335 STOT RE 2 - H373  
**Environmental hazards** Not Classified

**2.2. Label elements****Pictogram**

**Signal word** Danger

**Hazard statements** H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
H335 May cause respiratory irritation.  
H351 Suspected of causing cancer.  
H373 May cause damage to organs through prolonged or repeated exposure.

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<b>Precautionary statements</b>	<p>P260 Do not breathe vapour/ spray.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P284 [In case of inadequate ventilation] wear respiratory protection.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</p> <p>P405 Store locked up.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p> <p>P313 Get medical advice/ attention.</p>
<b>Supplemental label information</b>	<p>EUH204 Contains isocyanates. May produce an allergic reaction.</p> <p>RCH004a Persons already sensitised to diisocyanates may develop allergic reactions when using this product.</p> <p>RCH004b Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product.</p> <p>RCH004c This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used.</p>
<b>Contains</b>	DIPHENYLMETHANE-4,4'-DI-ISOCYANATE

### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

<b>DIPHENYLMETHANE-4,4'-DI-ISOCYANATE</b>	<b>30-60%</b>
CAS number: 101-68-8	EC number: 202-966-0
	REACH registration number: 01-2119457014-47-0000
<b>Classification</b> Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Resp. Sens. 1 - H334 Skin Sens. 1 - H317 Carc. 2 - H351 STOT SE 3 - H335 STOT RE 2 - H373	
<b>2,2'-Dimorpholinyl-diethyl Ether</b>	<b>1-5%</b>
CAS number: 6425-39-4	EC number: 229-194-7
	REACH registration number: 01-2119969278-20-0000
<b>Classification</b> Eye Irrit. 2 - H319	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

#### SECTION 4: First aid measures

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

<b>General information</b>	Instantly remove any clothing soiled by the product
<b>Inhalation</b>	Move affected person to fresh air at once. Get medical attention.

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<b>Ingestion</b>	Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Do not induce vomiting. Get medical attention immediately.
<b>Skin contact</b>	Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
<b>Eye contact</b>	Rinse immediately with plenty of water. Continue to rinse for at least 10 minutes. Get medical attention. Show this Safety Data Sheet to the medical personnel.

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

<b>Inhalation</b>	Irritation of nose, throat and airway. Coughing, chest tightness, feeling of chest pressure.
<b>Ingestion</b>	May cause discomfort if swallowed.
<b>Skin contact</b>	Prolonged skin contact may cause redness and irritation.
<b>Eye contact</b>	Severe irritation, burning and tearing.

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

<b>Notes for the doctor</b>	No specific recommendations. If in doubt, get medical attention promptly.
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	Extinguish with foam, carbon dioxide, dry powder or water fog.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.

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

<b>Specific hazards</b>	The product is non-combustible. Irritating gases or vapours. Not known.
<b>Hazardous combustion products</b>	Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Toxic gases or vapours. Oxides of nitrogen.

### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	Containers close to fire should be removed or cooled with water. Do not allow water to contact any leaked material.
<b>Special protective equipment for firefighters</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## SECTION 6: Accidental release measures

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

<b>Personal precautions</b>	Ensure suitable respiratory protection is worn during removal of spillages in confined areas. Wear protective clothing as described in Section 8 of this safety data sheet. Provide adequate ventilation.
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### 6.2. Environmental precautions

<b>Environmental precautions</b>	Do not discharge into drains or watercourses or onto the ground.
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### 6.3. Methods and material for containment and cleaning up

<b>Methods for cleaning up</b>	Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. Provide adequate ventilation. Contain spillage with sand, earth or other suitable non-combustible material. Avoid the spillage or runoff entering drains, sewers or watercourses.
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### 6.4. Reference to other sections

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**Reference to other sections** Wear protective clothing as described in Section 8 of this safety data sheet. For waste disposal, see section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Avoid inhalation of vapours and spray/mists. Avoid contact with skin and eyes. Do not use in confined spaces without adequate ventilation and/or respirator. Spraying is permitted only in closed systems, spray cabinets or spray boxes with adequate ventilation.

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

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place. Store at temperatures between 5°C and 25°C.

**Storage class** Chemical storage.

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

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

### SECTION 8: Exposure Controls/personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

##### DIPHENYLMETHANE-4,4'-DI-ISOCYANATE

Long-term exposure limit (8-hour TWA): WEL 0.02 mg/m<sup>3</sup>(Sen)

Short-term exposure limit (15-minute): WEL 0.07 mg/m<sup>3</sup>(Sen)

Sen

as NCO

WEL = Workplace Exposure Limit

Sen = Capable of causing occupational asthma.

##### DIPHENYLMETHANE-4,4'-DI-ISOCYANATE (CAS: 101-68-8)

<b>DNEL</b>	- Dermal; local effects: 28.7 mg/cm <sup>2</sup> - Inhalation; local effects: 0.1 mg/m <sup>3</sup> - Inhalation; systemic effects: 0.05 mg/m <sup>3</sup>
<b>PNEC</b>	- Marine water; >1 mg/l - Marine water; >0.1 mg/l - Sediment; Not Relevant - Soil; >1 mg/kg (Dry Weight)

#### 8.2. Exposure controls

##### Protective equipment



##### Appropriate engineering controls

Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients. Avoid inhalation of vapours.

##### Personal protection

Wear protective work clothing.

##### Eye/face protection

Wear chemical splash goggles.

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<b>Hand protection</b>	It is recommended that gloves are made of the following material: Nitrile rubber. It should be noted that liquid may penetrate the gloves. Frequent changes are recommended. For exposure up to 8 hours, wear gloves made of the following material: Nitrile rubber.
<b>Other skin and body protection</b>	Provide eyewash station. Wear appropriate clothing to prevent any possibility of skin contact. Wear apron or protective clothing in case of contact.
<b>Hygiene measures</b>	Provide eyewash station. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Do not eat, drink or smoke when using this product.
<b>Respiratory protection</b>	If ventilation is inadequate, suitable respiratory protection must be worn. Wear a respirator fitted with the following cartridge: Combination filter, type A2/P3.
<b>Thermal hazards</b>	Not applicable
<b>Environmental exposure controls</b>	Keep container tightly sealed when not in use.

### SECTION 9: Physical and Chemical Properties

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

<b>Appearance</b>	Coloured gel.
<b>Colour</b>	Cream.
<b>Odour</b>	Musty (mouldy).
<b>Odour threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point</b>	<10°C
<b>Evaporation rate</b>	Slow.
<b>Evaporation factor</b>	Not available.
<b>Flammability (solid, gas)</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	Not applicable.
<b>Other flammability</b>	Not available.
<b>Vapour pressure</b>	0.01 Pa @ 20°C
<b>Vapour density</b>	8.5
<b>Relative density</b>	1.10 @ 20°C
<b>Bulk density</b>	Not available.
<b>Solubility(ies)</b>	Insoluble in water. Hardens in contact with water.
<b>Partition coefficient</b>	Not available.
<b>Explosive properties</b>	Not available.
<b>Explosive under the influence of a flame</b>	Not considered to be explosive.
<b>Oxidising properties</b>	Not available.
<b>Comments</b>	Information given is applicable to the product as supplied.

#### 9.2. Other information

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<b>Other information</b>	No information required.
<b>Refractive index</b>	Not available.
<b>Particle size</b>	Not available.
<b>Molecular weight</b>	Not available.
<b>Volatility</b>	Not available.
<b>Saturation concentration</b>	Not available.
<b>Critical temperature</b>	Not available.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity** The product will harden into a solid mass in contact with water and moisture.

#### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures and when used as recommended.

#### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** May polymerise.

#### 10.4. Conditions to avoid

**Conditions to avoid** Avoid contact with water.

#### 10.5. Incompatible materials

**Materials to avoid** None known.

#### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Oxides of nitrogen. Toxic gases or vapours.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** LD<sub>50</sub> 10,000 mg/kg, Oral, Rat

##### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** LD<sub>50</sub> 10,000 mg/kg, Dermal, Rabbit

##### Acute toxicity - inhalation

**ATE inhalation (gases ppm)** 11,250.0

**ATE inhalation (vapours mg/l)** 27.5

**ATE inhalation (dusts/mists mg/l)** 3.75

##### Skin corrosion/irritation

**Animal data** Irritating.

##### Serious eye damage/irritation

**Serious eye damage/irritation** Slightly irritating.

##### Respiratory sensitisation

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<b>Respiratory sensitisation</b>	Sensitising.
<b><u>Carcinogenicity</u></b>	
<b>Carcinogenicity</b>	Suspected of causing cancer.
<b><u>Reproductive toxicity</u></b>	
<b>Reproductive toxicity - development</b>	This substance has no evidence of toxicity to reproduction.
<b><u>Specific target organ toxicity - repeated exposure</u></b>	
<b>STOT - repeated exposure</b>	Morphological changes that are potentially reversible but provide clear evidence of marked organ dysfunction.
<b><u>Aspiration hazard</u></b>	
<b>Aspiration hazard</b>	Not anticipated to present an aspiration hazard, based on chemical structure.
<b><u>General information</u></b>	
<b>General information</b>	The product contains small quantities of isocyanate. May cause respiratory allergy. May cause respiratory system irritation.
<b>Inhalation</b>	May cause respiratory system irritation. May cause sensitisation by inhalation.
<b>Ingestion</b>	May cause stomach pain or vomiting.
<b>Skin contact</b>	Irritating to skin. The product contains a small amount of sensitising substance. May cause sensitisation or allergic reactions in sensitive individuals.
<b>Eye contact</b>	Irritation of eyes and mucous membranes.
<b>Acute and chronic health hazards</b>	Symptoms following overexposure may include the following: Irritation of eyes and mucous membranes. Harmful. Sensitization possible through inhalation or skin contact. Carcinogenic effect.
<b>Route of entry</b>	Inhalation Skin and/or eye contact
<b>Target organs</b>	Central nervous system Eyes Skin Respiratory system, lungs
<b>Medical symptoms</b>	Irritation of eyes and mucous membranes. Skin irritation. Symptoms following overexposure may include the following: Allergic rash. Coughing, chest tightness, feeling of chest pressure.
<b>Medical considerations</b>	Sensitisation possible through inhalation and skin contact.

### SECTION 12: Ecological Information

**Ecotoxicity** The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment. Do not allow to enter drains, sewers or water courses

#### 12.1. Toxicity

**Toxicity** Not regarded as dangerous for the environment

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: >1000 mg/l, Freshwater fish

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: >500 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** EC<sub>50</sub>, 72 hours: 1640 mg/l, Scenedesmus subspicatus

#### 12.2. Persistence and degradability

**Persistence and degradability** The product is not readily biodegradable.

**Stability (hydrolysis)** Reacts with water.

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**Biological oxygen demand** < 10 g O<sub>2</sub>/g substance

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** The product does not contain any substances expected to be bioaccumulating.

**Partition coefficient** Not available.

### 12.4. Mobility in soil

**Mobility** The product is non-volatile.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

### 12.6. Other adverse effects

**Other adverse effects** None known.

**Ozone depletion potential**

**Global warming potential (GWP)**

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Do not allow product to reach sewage system.

**Disposal methods** Incineration under approved, controlled conditions using incinerators suitable or designed for the disposal of hazardous chemical wastes, is preferred method of disposal. Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations. Once the product residues adhering to the walls of the containers have been rendered harmless, the product and hazard labels must be invalidated. Water, is suitable cleaning agent. The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**Waste class** 070208

## SECTION 14: Transport information

**General** This product is not classified as Dangerous for Carriage

### 14.1. UN number

Not classified.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

Not classified.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards



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### Environmentally hazardous substance/marine pollutant

No.

#### 14.6. Special precautions for user

No information required.

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

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

Not applicable.

### SECTION 15: Regulatory information

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

<b>National regulations</b>	The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended). Control of Pollution Act 1974.
<b>EU legislation</b>	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 (as amended).
<b>Guidance</b>	ECHA: Guidance on the Compilation of safety data sheets. (V1.1, December 2011)
<b>Authorisations (Title VII Regulation 1907/2006)</b>	No specific authorisations are known for this product.
<b>Restrictions (Title VIII Regulation 1907/2006)</b>	No specific restrictions on use are known for this product.

#### 15.2. Chemical safety assessment

A chemical safety assessment has been carried out.

### SECTION 16: Other information

<b>Issued by</b>	Technical Department
<b>Revision date</b>	20/09/2016
<b>Revision</b>	4
<b>Supersedes date</b>	21/10/2014
<b>SDS number</b>	11825
<b>Hazard statements in full</b>	H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H332 Harmful if inhaled. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335 May cause respiratory irritation. H351 Suspected of causing cancer. H373 May cause damage to organs through prolonged or repeated exposure.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such 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 himself as to the suitability of such information for his own particular use.