

## **1. Identification of the substance/mixture and of the company/undertaking**

### **Product identifier**

Commercial Product Name           **FIP 300SF**

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

Relevant identified uses           composite mortar

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

Company designation           fischerwerke GmbH & Co. KG  
Weinhalde 14-18  
D-72178 Waldachtal  
Telephone: +49(0)7443 12-0  
FAX: +49(0)7443 12-4222  
Email: info-sdb@fischer.de

Marketer                           Great Britain: Mrs Mirka Valovicova, fischer Fixing (UK) Ltd, Hithercroft  
Road, Wallingford, Oxfordshire, OX10 9AT, Tel. 01491 827 920, Fax  
01491 827 950

### **Emergency telephone number**

Emergency telephone number   +49(0)6132-84463 (24h)

## **2. Hazards identification**

### **Classification of the substance or mixture**

Classification according to Di-   R43 Xi; R41  
rective 67/548/EEC / 1999/45/  
EEC

### **Label elements**

Hazard symbols

Xi



Xi: Irritant

Hazardous component(s) to be  
indicated on label

2-hydroxypropyl methacrylate, dibenzoyl peroxide

R-phrase(s)

R41: Risk of serious damage to eyes.

R43: May cause sensitisation by skin contact.

S-phrase(s)

S2: Keep out of the reach of children.

S24/25: Avoid contact with skin and eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37/39: Wear suitable gloves and eye/face protection.

S46: If swallowed, seek medical advice immediately and show this container or label.

### 3. Composition/information on ingredients

#### Hazardous ingredients

Ingredient		Classification (EEC) No 67/548	Concentration
		Classification (EC) 1272/2008	
portland cement	CAS No.: 68475-76-3 65997-15-1 EC-No.: 266-043-4	R43 Xi; R37/38-41 Skin Irrit. 2; H315 Eye Dam. 1; H318 Skin Sens. 1; H317 STOT SE 3; H335	10.0 – 25.0 % by weight
Solvent naphtha (petroleum), light arom.	CAS No.: 64742-95-6 EC-No.: 265-199-0 Index-No.: 649-356-00-4	R10 Xn; R65 Xi; R37 N; R51/53 R66 R67 Aquatic Chronic 2; H411 Asp. Tox. 1; H304STOT SE 3; H336 H335	< 2.5 % by weight
2-hydroxypropyl methacrylate	CAS No.: 27813-02-1 EC-No.: 248-666-3 Index-No.: 607-125-00-5	Xi; R36;R43 Eye Irrit. 2; H319 Skin Sens. 1; H317	< 2.5 % by weight
dibenzoyl peroxide	CAS No.: 94-36-0 EC-No.: 202-327-6 Index-No.: 617-008-00-0	E; R3 Xi; R36 R43 N; R50 Org. Perox. B; H241 Eye Irrit. 2; H319 Skin Sens. 1; H317 Aquatic Acute 1; H400	< 2.5 % by weight
ethanediol, ethylene glycol	CAS No.: 107-21-1 EC-No.: 203-473-3 Index-No.: 603-027-00-1 REACH No.: 01-2119456816-28-XXXX	Xn; R22 Acute Tox. 4; H302	< 2.5 % by weight

### 4. First aid measures

#### Description of first aid measures

General advice	If symptoms persist, call a physician. Remove/Take off immediately all contaminated clothing.
If inhaled	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
In case of skin contact	IF ON SKIN: Gently wash with plenty of soap and water.
In case of eye contact	In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
If swallowed	If swallowed, seek medical advice immediately and show this container or label. Clean mouth with water and drink afterwards plenty of water. Drink 1 or 2 glasses of water. Do NOT induce vomiting.

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

Symptoms	None known.
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### Indication of any immediate medical attention and special treatment needed

Immediate medical attention	No data available
Special medical treatment	No data available

## 5. Firefighting measures

### Extinguishing media

Suitable extinguishing media	Carbon dioxide (CO <sub>2</sub> ) Dry powder Foam Water spray jet
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Extinguishing media which must not be used for safety reasons	High volume water jet
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### Special hazards arising from the substance or mixture

Special exposure hazards arising from the substance or preparation itself, its combustion products, or released gases	Heating or fire can release toxic gas.
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### Advice for firefighters

Special protective equipment for firefighting	In the event of fire, wear self-contained breathing apparatus. In the event of fire and/or explosion do not breathe fumes.
Additional information on firefighting	Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Keep containers and surroundings cool with water spray. Container may rupture on heating.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Personal precautions	Ensure adequate ventilation, especially in confined areas. Keep people away from and upwind of spill/leak.
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### Environmental precautions

Environmental precautions	The product should not be allowed to enter drains, water courses or the soil. Prevent spreading over a wide area (e.g. by containment or oil barriers).
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### Methods and material for containment and cleaning up

Methods for cleaning up	Use mechanical handling equipment. Treat recovered material as described in the section "Disposal considerations".
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## Reference to other sections

Reference to other sections See chapter 8/13

## Additional information

Other information Dispose of in accordance with local regulations.

## 7. Handling and storage

### Precautions for safe handling

Advice on safe handling None under normal processing.

Advice on protection against fire and explosion No special precautions required.

### Conditions for safe storage, including any incompatibilities

Storage space and container requirements Keep containers tightly closed in a cool, well-ventilated place. Store in accordance with local regulations. Keep only in original container.

Hints on storage assembly Store in accordance with the particular national regulations.

German storage class 10-13 (TRGS 510)

### Specific end use(s)

Specific use(s) composite mortar  
Further information: see technical data sheet.

## 8. Exposure controls/personal protection

### Control parameters

#### portland cement

Great Britain	Long-term exposure value/ mg/ m <sup>3</sup>	10
	remarks	inhalable dust
	Source	EH40/200 Workplace exposure limits (October 2007)

Great Britain	Long-term exposure value/ mg/ m <sup>3</sup>	4
	remarks	respirable dust
	Source	EH40/200 Workplace exposure limits (October 2007)

#### dibenzoyl peroxide

Great Britain	Long-term exposure value/ mg/ m <sup>3</sup>	5
	remarks	R2, 36, 43
	Source	EH40/200 Workplace exposure limits (October 2007)

**phosphoric acid ... %, orthophosphoric acid ... %**

Great Britain	Long-term exposure value/ mg/ m3	1
	Short-term exposure value / mg/ m3	2
	remarks	R34
	Source	EH40/200 Workplace exposure limits (Octobre 2007)

Europe	Long-term exposure value/ mg/ m3	1
	Short-term exposure value / mg/ m3	2
	Issuing date	2000/39
	Source	DIRECTIVE 2009/161/EU

**ethanediol, ethylene glycol**

Great Britain	Long-term exposure value/ mg/ m3	10
	remarks	particulate,Sk R22
	Source	EH40/200 Workplace exposure limits (Octobre 2007)

Great Britain	Long-term exposure value/ ppm	20
	Long-term exposure value/ mg/ m3	52
	Short-term exposure value / ppm	40
	Short-term exposure value / mg/ m3	104
	remarks	vapour, Sk, R22
	Source	EH40/200 Workplace exposure limits (Octobre 2007)

Europe	Long-term exposure value/ mg/ m3	52
	Long-term exposure value/ ppm	20
	Short-term exposure value / mg/ m3	104
	Short-term exposure value / ppm	40
	Note	Skin
	Issuing date	2000/39
	Source	DIRECTIVE 2009/161/EU

**2-methoxy-1-methylethyl acetate**

Great Britain	Long-term exposure value/ ppm	50
	Long-term exposure value/ mg/ m3	274
	Short-term exposure value / ppm	100
	Short-term exposure value / mg/ m3	548
	remarks	Sk R10, 36
	Source	EH40/200 Workplace exposure limits (Octobre 2007)

Material Safety Data Sheet as per regulation (EC)  
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Europe	Long-term exposure value/ mg/ m3	275
	Long-term exposure value/ ppm	50
	Short-term exposure value / mg/ m3	550
	Short-term exposure value / ppm	100
	Note	Skin
	Issuing date	2000/39
	Source	DIRECTIVE 2009/161/EU

**titanium-dioxide**

Great Britain	Long-term exposure value/ mg/ m3	10
	remarks	total inhalable
	Source	EH40/200 Workplace exposure limits (October 2007)

Great Britain	Long-term exposure value/ mg/ m3	4
	remarks	respirable
	Source	EH40/200 Workplace exposure limits (October 2007)

**Exposure controls**

Respiratory protection	No personal respiratory protective equipment normally required.
Hand protection	not required under normal use
Suitable material:	butyl-rubber, Chloroprene, Nitrile rubber
Unsuitable material:	PVC disposable gloves
Material thickness:	adjust to application and duration of use
Break through time:	adjust to application and duration of use
remarks:	Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).
Reference substance:	Replace when worn.
Eye protection	Tightly fitting safety goggles
Skin and body protection	Wear suitable protective equipment.
Note:	Choose body protection according to the amount and concentration of the dangerous substance at the work place.
General protective and hygiene measures	Smoking, eating and drinking should be prohibited in the application area. Avoid contact with skin, eyes and clothing. Take off all contaminated clothing immediately. Wash hands before breaks and at the end of workday. Keep away from food, drink and animal feedingstuffs. Use protective skin cream before handling the product.

Information on environmental protection regulations      No special environmental precautions required.

## **9. Physical and chemical properties**

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

Form	paste
Colour	grey
Odour	characteristic
Odour threshold :	not determined
pH	No data available
Melting point	No data available
Boiling point / °C	no data available
Flash point / °C	> 100 °C
Evaporation rate	No data available
Flammability :	No data available
Explosion limits	
Lower limit:	not determined
Upper limit:	not determined
Risk of explosion.	Not explosive
Vapour pressure	No data available
Density	1,7 - 1,9 g/cm <sup>3</sup>
temperature:	20 °C
Water solubility	not determined
Solubility	No data available
Partition coefficient (n-octanol/water)	No data available
Autoinflammability	not auto-flammable
Decomposition temperature	not determined
Viscosity, dynamic	180 - 240 Pas
temperature:	20 °C

### **Other information**

Relative vapour density (air=1)      not determined

## **10. Stability and reactivity**

### **Reactivity**

Thermal decomposition                      No decomposition if stored and applied as directed.

### **Chemical stability**

Chemical stability                              Stable under recommended storage conditions.

### **Possibility of hazardous reactions**

Hazardous reactions                          No dangerous reaction known under conditions of normal use.

### **Conditions to avoid**

Conditions to avoid                            No decomposition if used as directed.

### **Hazardous decomposition products**

Hazardous decomposition prod-      No decomposition if used as directed.  
ucts

## **11. Toxicological information**

### **Information on toxicological effects**

Oral toxicity / mg/kg                          There is no data available for this product.

Dermal toxicity / mg/kg                      There is no data available for this product.

Inhalative toxicity / mg/l                    There is no data available for this product.

Irritant effect on skin                        Irritating to skin and mucous membranes

Irritant effect on eyes                        Irritating to eyes.

Symptoms                                        None known.

### **Additional information**

Other information (chapter 11.)          There is no data available for this product.

## **12. Ecological information**

### **Toxicity**

Toxicity to fish / mg/l                        There is no data available for this product.

Toxicity to daphnia / mg/l                    There is no data available for this product.

Toxicity to algae / mg/l                      There is no data available for this product.

### **Persistence and degradability**

Elimination and distribution              There is no data available for this product.  
mechanisms

Elimination in purification plant          No data available



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**Bioaccumulative potential**

Bioaccumulation                      There is no data available for this product.  
 Bioconcentration factor (BCF)      No data available

**Mobility in soil**

Distribution in the environment    No data available  
 Mobility  
     Mobility:                              No data available

**Results of PBT and vPvB assessment**

Results of PBT characteristics determination      This preparation contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

**Other adverse effects**

Further information on ecology      No information on ecology is available.

**13. Disposal considerations****Waste treatment methods**

Disposal considerations              Disposal together with normal waste is not allowed. Special disposal required according to local regulations.  
 The product should not be allowed to enter drains, water courses or the soil.  
 Empty remaining contents.

Waste Code                              200000 – MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS  
 200127 – paint, inks, adhesives and resins containing dangerous substances  
 080000 – WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS  
 080400 – wastes from MFSU of adhesives and sealants (including waterproofing products)  
 080409 – waste adhesives and sealants containing organic solvents or other dangerous substances

Uncleaned empty packaging          Dispose of as unused product.

**14. Transport information****Special precautions for user**

Precautions                              not required under normal use

## Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code not applicable

## Additional information

Other information (chapter 14.) Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code, ICAO/IATA-DGR

## 15. Regulatory information

### Chemical safety assessment

Safety assessment Not relevant. Chemical safety assessments for substances in this mixture were not carried out.

## 16. Other information

R phrase(s) applying to ingredients

R10: Flammable.  
 R22: Harmful if swallowed.  
 R3: Extreme risk of explosion by shock, friction, fire or other sources of ignition.  
 R36: Irritating to eyes.  
 R37: Irritating to respiratory system.  
 R37/38: Irritating to respiratory system and skin.  
 R41: Risk of serious damage to eyes.  
 R43: May cause sensitisation by skin contact.  
 R50: Very toxic to aquatic organisms.  
 R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
 R65: Harmful: may cause lung damage if swallowed.  
 R66: Repeated exposure may cause skin dryness or cracking.  
 R67: Vapours may cause drowsiness and dizziness.

H-statement(s) applying to ingredients

H241: Heating may cause a fire or explosion.  
 H302: Harmful if swallowed.  
 H304: May be fatal if swallowed and enters airways.  
 H315: Causes skin irritation.  
 H317: May cause an allergic skin reaction.  
 H318: Causes serious eye damage.  
 H319: Causes serious eye irritation.  
 H335: May cause respiratory irritation.  
 H336: May cause drowsiness or dizziness.  
 H400: Very toxic to aquatic life.  
 H411: Toxic to aquatic life with long lasting effects.

This information is provided in accordance with the current status of our knowledge and experience. The Safety Data Sheet describes products with a view to relevant safety requirements. This information does not constitute a warranty of properties, features or qualities.