

SAFETY DATA SHEET READY TO USE FIX AND GROUT (TUB)

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name READY TO USE FIX AND GROUT (TUB)
Container size ALL CONTAINER SIZES
REACH Registration notes Registration number is not applicable as this is a mixture.

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

Identified uses Water resistant ceramic tile adhesive and grout meeting requirements of en 12004:2007
Uses advised against Any other use than described above.

1.3. Details of the supplier of the safety data sheet

Supplier Bartoline limited
Barmston Close
Beverley
East Yorkshire
HU17 0LW
01482 678710
fax 01482 872606
HSE MANAGER
www.bartoline.co.uk

1.4. Emergency telephone number

01482 678727 0800-1700 Monday to Friday NHS Direct (General Public & Workers) 0845 4647

National Emergency Telephone Number

National Poisons Information Service (24hours) 0844 892 0111

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards	Not classified.
Human health	Not classified.
Environment	Not classified.

Classification (1999/45/EEC)

Not classified.

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

Human health

The hazardous properties of the product are considered limited. However, the product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals.

2.2. Label elements

Label In Accordance With (EC) No. 1272/2008

No pictogram required.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

READY TO USE FIX AND GROUT (TUB)

CALCIUM MAGNESIUM CARBONATE		60-100%
CAS-No.: 16389-88-1	EC No.: 240-440-2	
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Not classified.	
2-METHYLISOTHIAZOL-3(2H)-ONE		< 1%
CAS-No.: 2682-20-4	EC No.: 220-239-6	
Classification (EC 1272/2008) Acute Tox. 4 - H302 Acute Tox. 3 - H311 Acute Tox. 2 - H330 Skin Corr. 1B - H314 Skin Sens. 1 - H317 STOT SE 3 - H335 Aquatic Acute 1 - H400	Classification (67/548/EEC) T;R23/24. Xn;R22. C;R34. Xi;R37. N;R50. R43.	
AMMONIA ...%		< 1%
CAS-No.: 1336-21-6	EC No.: 215-647-6	Registration Number: 01-2119488876-14-XXXX
Classification (EC 1272/2008) Skin Corr. 1B - H314 STOT SE 3 - H335 Aquatic Acute 1 - H400	Classification (67/548/EEC) C;R34 N;R50	
2-(2-BUTOXYETHOXY)ETHANOL		< 1%
CAS-No.: 112-34-5	EC No.: 203-961-6	Registration Number: 01-2119475104-44-XXXX
Classification (EC 1272/2008) Eye Irrit. 2 - H319	Classification (67/548/EEC) Xi;R36	
1,2-BENZISOTHIAZOL-3(2H)-ONE		< 1%
CAS-No.: 2634-33-5	EC No.: 220-120-9	
Classification (EC 1272/2008) Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317 Aquatic Acute 1 - H400	Classification (67/548/EEC) Xn;R22 R43 Xi;R38,R41 N;R50	

READY TO USE FIX AND GROUT (TUB)

ZINC OXIDE			< 1%
CAS-No.: 1314-13-2	EC No.: 215-222-5	Registration Number: 01-2119463881-32-XXXX	
Classification (EC 1272/2008) Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410		Classification (67/548/EEC) N;R50/53	

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

REACH Registration notes

Registration number is not applicable as this is a mixture.

Composition Comments

This product is not classified as dangerous according to EC and uk legislation A viscous dispersion paste incorporating hydroxyethyl cellulose, calcium/magnesium carbonate fillers, acrylic copolymer emulsion and in can preservatives.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information

NEVER give anything by mouth to an unconscious person. IN CASE OF SERIOUS OF PERSISTENT CONDITIONS, CALL A DOCTOR OR EMERGENCY MEDICAL CARE.

Inhalation

If irritation occurs, move to fresh air. If nose or airways become inflamed seek medical advice.

Ingestion

Due to the small packaging the risk of ingestion is minimal. Contact physician if larger quantity has been consumed. Immediately rinse mouth and drink plenty of water. Keep person under observation. If person becomes uncomfortable seek hospital and bring these instructions.

Skin contact

Remove contaminated clothing immediately and wash skin with soap and water.

Eye contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention promptly if symptoms occur after washing.

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

Inhalation.

Coughing, chest tightness, feeling of chest pressure.

Ingestion

May cause stomach pain or vomiting.

Skin contact

Prolonged contact may cause redness, irritation and dry skin.

Eye contact

Irritation of eyes and mucous membranes.

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

No specific chemical antidote is known to be required after exposure to this product. Treat Symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

The product is non-combustible. Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing media

None

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

READY TO USE FIX AND GROUT (TUB)

5.3. Advice for firefighters

Special Fire Fighting Procedures

Avoid breathing fire vapours. Keep up-wind to avoid fumes. Ventilate closed spaces before entering them. Fight advanced or massive fires from safe distance or protected location.

Protective equipment for fire-fighters

Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace. Wear full protective clothing. Face mask, protective gloves and safety helmet.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet. Follow precautions for safe handling described in this safety data sheet. Avoid contact with eyes and prolonged skin contact.

6.2. Environmental precautions

Do not discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Scrape up uncured product and place into a container for disposal. Alternatively allow to set hard and scrape up. Flush with plenty of water to clean spillage area.

6.4. Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet. The product contains a substance which is hazardous to aquatic organisms and which may cause long term adverse effects in the aquatic environment. See section 12 as well. See section 11 for additional information on health hazards. Collect and dispose of spillage as indicated in section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Read and follow manufacturer's recommendations. Avoid contact with skin and eyes. Do not eat, drink or smoke when using the product.

7.2. Conditions for safe storage, including any incompatibilities

Store in closed original container at temperatures between 5°C and 25°C.

Storage Class

Unspecified storage.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

Usage Description

Keep out of reach of children. Apply "common sense" measures when using this product. Where possible avoid prolonged contact with the skin. Always follow on pack instructions when using this product

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
1,2-BENZISOTHIAZOL-3(2H)-ONE	WEL	No std.	No std.	No std.	No std.	
2-(2-BUTOXYETHOXY)ETHANOL	WEL	10 ppm	mg/m3	15 ppm	mg/m3	
2-METHYLISOTHIAZOL-3(2H)-ONE	WEL	No std.	No std.	No std.	No std.	
AMMONIA ...%	WEL	25 ppm	18 mg/m3	35 ppm	25 mg/m3	
CALCIUM MAGNESIUM CARBONATE	WEL		10 mg/m3			

WEL = Workplace Exposure Limit.

The DNEL data quoted is for the mian hazardous ingredient.

No PNEC data is available for the constituents of this product.

READY TO USE FIX AND GROUT (TUB)

AMMONIA ...% (CAS: 1336-21-6)

DNEL

Industry	Dermal	Short Term	Systemic Effects	6.8 mg/kg/day
Industry	Inhalation.	Short Term	Systemic Effects	47.6 mg/m3
Industry	Inhalation.	Short Term	Local Effects	36 mg/m3
Industry	Dermal	Long Term	Systemic Effects	6.8 mg/kg/day
Industry	Inhalation.	Long Term	Local Effects	14 mg/m3

PNEC

Freshwater	0.0011	mg/l
Marinewater	0.0011	mg/l

2-(2-BUTOXYETHOXY)ETHANOL (CAS: 112-34-5)

DNEL

Industry	Inhalation.	Short Term	Local Effects	14 ppm
Industry	Dermal	Long Term	Systemic Effects	20 mg/kg/day
Industry	Inhalation.	Long Term	Systemic Effects	10 ppm
Consumer	Inhalation.	Short Term	Local Effects	7.5 mg/m3
Consumer	Dermal	Long Term	Systemic Effects	10 mg/kg/day
Consumer	Inhalation.	Long Term	Systemic Effects	5 mg/kg/day
Consumer	Oral	Long Term	Systemic Effects	1.3 mg/kg/day

PNEC

Industry	Freshwater	Long Term	1 mg/l
Marinewater	Long Term	0.1	mg/l
Intermittent release	Intermittent release	3.9	mg/l
Industry	STP	Short Term	200 mg/l
Sediment (Freshwater)	4	mg/l	
Soil	0.4	mg/l	

CALCIUM MAGNESIUM CARBONATE (CAS: 16389-88-1)

No DNEL data available for this substance.

No PNEC data available for this substance.

2-METHYLISOTHIAZOL-3(2H)-ONE (CAS: 2682-20-4)

No DNEL data available for this substance.

No PNEC data available for this substance.

8.2. Exposure controls

Protective equipment



Process conditions

This product is supplied in ready to use tubs and poses very little risk to man or the environment.

Respiratory equipment

Whilst using the uncured product there should be no need for the use of any respiratory protective equipment.

Hand protection

For prolonged or repeated skin contact use suitable protective gloves. Gloves of nitrile rubber, PVA or Viton are recommended.

Eye protection

Where there is a risk of splashes to the eyes it is recommended that safety glasses/goggles approved to EN166 standard are worn.

Other Protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures

Wash contaminated clothing before reuse. Wash hands after handling. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of skin.

Skin protection

Wash hands after use and wash off any adhesive which comes into contact with skin.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Paste
Colour	White.

READY TO USE FIX AND GROUT (TUB)

Odour	PVA Type
Solubility	Soluble in water in uncured state Insoluble in cured state Water based
Melting point (°C)	
Not available.	
Relative density	1.80 - 1.96
Vapour density (air=1)	
Not applicable.	
Vapour pressure	
Not relevant	
Evaporation rate	
Not relevant	
pH-Value, Conc. Solution	8.8 - 9.5 Figure quoted is for the mixture as a whole.
Viscosity	2200 - 2500 RT (Helipath TF/Speed 10)
Decomposition temperature (°C)	
Not available.	
Auto Ignition Temperature (°C)	
Not applicable.	
Flammability Limit - Lower(%)	
Not relevant	Water based
Flammability Limit - Upper(%)	
Not relevant	Water based
Explosive properties	
Not Explosive	
Other Flammability	
Not relevant	
Oxidising properties	
Not applicable.	
Comments	Information given concerns the preparation in actual dilution. Information declared as "Not available, Not relevant or Not applicable" is not considered justified for enabling proper control measures to be taken.
<u>9.2. Other information</u>	
Total solids 80-83%	
Volatile By Vol. (%)	
Not relevant	Water based
Volatile Organic Compound (VOC)	
Not relevant	Water based

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

There are no known reactivity hazards associated with this product.

10.2. Chemical stability

No particular stability concerns.

10.3. Possibility of hazardous reactions

Not applicable.

Hazardous Polymerisation

Will not polymerise.

10.4. Conditions to avoid

Avoid exposure to high temperatures or direct sunlight. There are no known conditions that are likely to result in a hazardous situation.

10.5. Incompatible materials

READY TO USE FIX AND GROUT (TUB)

Materials To Avoid

No specific, or groups of materials are likely to react to produce a hazardous situation.

10.6. Hazardous decomposition products

In case of fire irritating fumes and smoke will be evolved.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information

There is no data for the product as a whole. The data for the hazardous constituents is shown below.

Route of entry

Skin and/or eye contact. Inhalation. Ingestion.

Specific effects

Frequent or prolonged skin contact destroys the lipid cutaneous layer and may cause dermatitis.

Toxicological information on ingredients.

AMMONIA ...% (CAS: 1336-21-6)

Acute toxicity:

Acute Toxicity (Oral LD50)

~ 350 mg/kg Rat

Skin Corrosion/Irritation:

Corrosive to skin.

Serious eye damage/irritation:

Serious eye damage/irritation-cat 1:

Reproductive Toxicity:

Reproductive Toxicity - Fertility

Fertility: NOAEL 408 mg/kg/day

Reproductive Toxicity - Development

Developmental toxicity: NOAEL 100 mg/kg/day

2-(2-BUTOXYETHOXY)ETHANOL (CAS: 112-34-5)

Acute toxicity:

Acute Toxicity (Oral LD50)

> 2000 mg/kg Rat

Acute Toxicity (Dermal LD50)

> 2000 mg/kg Rabbit

Acute Toxicity (Inhalation LC50)

> 29 ppmV (gas) Rat 1 hour

CALCIUM MAGNESIUM CARBONATE (CAS: 16389-88-1)

Toxicological information

Data supplied below comes from the manufacturers SDS.

Acute toxicity:

Acute Toxicity (Oral LD50)

> 5000 mg/kg Rat

SECTION 12: ECOLOGICAL INFORMATION

READY TO USE FIX AND GROUT (TUB)

Ecotoxicity

The product is not expected to be toxic to aquatic organisms.

Ecological information on ingredients.

CALCIUM MAGNESIUM CARBONATE (CAS: 16389-88-1)

Ecotoxicity

The product is not expected to be hazardous to the environment.

12.1. Toxicity

There is no data available for the product itself. The product should not be allowed to enter drains or watercourses or be deposited where it can effect ground or surface waters. The product is not classified as dangerous for the environment but contains small amount of substances so classified. the toxicological data for the hazardous ingredients is shown below.

Ecological information on ingredients.

AMMONIA ...% (CAS: 1336-21-6)

Acute Toxicity - Fish

LC50 96 hours ~ 0.89 mg/l Freshwater fish

Acute Toxicity - Aquatic Invertebrates

EC50 96 hours ~ 101 mg/l Daphnia magna

2-(2-BUTOXYETHOXY)ETHANOL (CAS: 112-34-5)

Acute Toxicity - Fish

LC50 > 100 mg/l Leuciscus idus (Golden orfe)

Acute Toxicity - Aquatic Invertebrates

EC50 > 100 mg/l Daphnia magna

IC 50, 72 Hrs, Algae, mg/l

>100

1,2-BENZISOTHIAZOL-3(2H)-ONE (CAS: 2634-33-5)

Acute Toxicity - Fish

LC50 96 hours ~ 2.2 mg/l Onchorhynchus mykiss (Rainbow trout)

EC 50, 48 Hrs, Daphnia, mg/l

3

Acute Toxicity - Aquatic Invertebrates

72 hours

Acute Toxicity - Aquatic Plants

EC50 72 hours ~ 0.067 mg/l

CALCIUM MAGNESIUM CARBONATE (CAS: 16389-88-1)

Non-Toxic, the product dissociates readily into its constituent ions, all of which are abundant in nature.

No data available from the substance manufacturer.

No data available from the substance manufacturer.

2-METHYLISOTHIAZOL-3(2H)-ONE (CAS: 2682-20-4)

Acute Toxicity - Fish

NOEC 96 hours ~ 3.06 mg/l Onchorhynchus mykiss (Rainbow trout)

LC50 96 hours ~ 6.0 mg/l Onchorhynchus mykiss (Rainbow trout)

EC 50, 48 Hrs, Daphnia, mg/l

1.68

Acute Toxicity - Aquatic Invertebrates

NOEC 48 hours ~ 0.882 Daphnia magna

EC50 48 hours ~ 1.68 mg/l Daphnia magna

Acute Toxicity - Aquatic Plants

EC50 72 hours ~ 0.157 mg/l Selenastrum capricornutum

12.2. Persistence and degradability

No information on the product as a whole but see information on hazardous constituents.

READY TO USE FIX AND GROUT (TUB)

Ecological information on ingredients.

AMMONIA ...% (CAS: 1336-21-6)

Degradability

The product is biodegradable.

2-(2-BUTOXYETHOXY)ETHANOL (CAS: 112-34-5)

Biodegradation

Degradation (76%) Degradation (76%) 28 days

OECD 301D

Degradation (90-100%) ~ 8 days

OECD 302 B

Readily Biodegradable.

1,2-BENZISOTHIAZOL-3(2H)-ONE (CAS: 2634-33-5)

Chemical Oxygen Demand

~ 92 g O₂/g substance

CALCIUM MAGNESIUM CARBONATE (CAS: 16389-88-1)

Degradability

The product is not biodegradable.

Biodegradation

Not available.

12.3. Bioaccumulative potential

Ecological information on ingredients.

AMMONIA ...% (CAS: 1336-21-6)

Bioaccumulative potential

The product is not bioaccumulating.

Partition coefficient

log Pow ~ 1.14

2-(2-BUTOXYETHOXY)ETHANOL (CAS: 112-34-5)

Bioaccumulative potential

The product is not bioaccumulating.

12.4. Mobility in soil

Mobility:

The product hardens to a solid immobile substance.

Ecological information on ingredients.

AMMONIA ...% (CAS: 1336-21-6)

Mobility:

The product is soluble in water.

2-(2-BUTOXYETHOXY)ETHANOL (CAS: 112-34-5)

Mobility:

The product is soluble in water.

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

Ecological information on ingredients.

AMMONIA ...% (CAS: 1336-21-6)

Not Classified as PBT/vPvB by current EU criteria.

2-(2-BUTOXYETHOXY)ETHANOL (CAS: 112-34-5)

Not Classified as PBT/vPvB by current EU criteria.

CALCIUM MAGNESIUM CARBONATE (CAS: 16389-88-1)

Not Classified as PBT/vPvB by current EU criteria.

12.6. Other adverse effects

READY TO USE FIX AND GROUT (TUB)

SECTION 13: DISPOSAL CONSIDERATIONS

General information

The packaging should be collected for reuse. Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

13.1. Waste treatment methods

Waste material should not be disposed of directly to drain. Avoid unauthorised disposal. Do not dump illegally onto land or into water. Dispose of waste and residues in accordance with local authority requirements. The recommended method for treatment of waste residues is either reclamation or incineration by specialist disposal company. Recover and reclaim or recycle, if practical. When dealing with waste always consider the waste management hierarchy of Prevention, Preparation for re-use, Recycling, Recovery and Disposal. It is advisable to minimise waste at source if possible, then re-use, recover or recycle wherever possible before considering waste disposal options.

Waste Class

When this product, in its liquid state, as supplied, becomes waste, it is categorised as NON hazardous, with code 08 04 10. Part used containers, not drained and/or rigorously scraped out and containing dried residues of the supplied coating are categorised as non-hazardous waste with code 08 04 10. Used containers, drained and/or rigorously scraped out and containing dried residues of the supplied coating are categorised as non-hazardous waste with code 15 01 02. "Rigorously scraped out" means removing the maximum amount of product from the container by physical or mechanical means to leave a residue or contamination that cannot be removed by such means. These codes have been assigned based on the actual composition of the product both as supplied and as dried residues. If mixed with other wastes, the waste codes quoted may not be applicable.

SECTION 14: TRANSPORT INFORMATION

General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

14.6. Special precautions for user

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

Not applicable.

SECTION 15: REGULATORY INFORMATION

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

Uk Regulatory References

Health and Safety at Work Act 1974. The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments. Chemicals (Hazard Information & Packaging) Regulations.

Environmental Listing

Control of Pollution Act 1974.

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Control of Substances Hazardous to Health.

READY TO USE FIX AND GROUT (TUB)

Approved Code Of Practice

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

Guidance Notes

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

EU Legislation

Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning 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, including amendments. 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 with amendments.

National Regulations

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689. Workplace Exposure Limits 2005 (EH40) Health and Safety at Work Act (As Amended) 1974 Control of Substances Hazardous to Health Regulations 2002 (as amended) The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2007 (CDG 2007). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning 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, including amendments. Users of this product are reminded of their duties under the current Control of Substances Hazardous to Health Regulations and a suitable and sufficient assessment of all the risk should be undertaken before using this product. The guidelines given in the HSE publication COSHH ESSENTIALS - Easy Steps To Control Chemicals gives sound advice for deciding safe working control measures.

Health and Environmental Listings

None of the ingredients are listed.

Authorisations (Title VII Regulation 1907/2006)

No specific authorisations are noted for this product.

Restrictions (Title VIII Regulation 1907/2006)

No specific restrictions of use are noted for this product.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

General information

Only trained personnel should use this material.

Training Advice

The information on directions for use can be found on the product label. It is important to ensure that anyone using this product in the workplace has been adequately trained and in particular: The use of personal protective equipment. methods of cleaning up and disposal of waste. The basic first aid arrangements.

Revision Date 03/10/2014

Revision 12

Supersedes date 27/02/2014

Risk Phrases In Full

R34	Causes burns.
R22	Harmful if swallowed.
R36	Irritating to eyes.
R37	Irritating to respiratory system.
R38	Irritating to skin.
R43	May cause sensitisation by skin contact.
NC	Not classified.
R41	Risk of serious damage to eyes.
R23/24	Toxic by inhalation and in contact with skin.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R50	Very toxic to aquatic organisms.

READY TO USE FIX AND GROUT (TUB)

Hazard Statements In Full

H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H330	Fatal if inhaled.
H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H335	May cause respiratory irritation.
H311	Toxic in contact with skin.
H410	Very toxic to aquatic life with long lasting effects.
H400	Very toxic to aquatic life.