

## Section 1

### Substance / Mixture & Company Identification

**1.1 Product identifier.**

Hemway Ready Mixed Fix & Grout

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

**Material Uses**

Grout / filler related material.

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

Hemway

Unit N1

Gildersome Spur

Industrial Estate

Leeds

LS27 7JZ

Further information obtainable from [contact@hemway.com](mailto:contact@hemway.com).

**1.4 Emergency telephone number.**

**National advisory body / Poison Centre**

111 (general public) and 0344 892 111 (medical professional (NHS) only)

**Supplier**

0113 350 8545

## Section 2

### Hazards Identification

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

**Product definition**

Mixture

**Classification according to Regulation (EC) No 1272/2008.**

The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

## 2.2 Label elements.

### Signal word

No signal word.

### Hazard statements

No known significant effects or critical hazards.

### 2.2.1 Precautionary statements.

#### General

Read carefully and follow all instructions. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

#### Prevention

Not applicable.

#### Response

Not applicable.

#### Storage

Not applicable.

#### Disposal

Not applicable.

#### Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Not applicable.

### 2.2.2 Special packaging requirements.

#### Containers to be fitted with child-resistant fastenings

Not applicable.

#### Tactile warning of danger

Not applicable.

## 2.3 Other hazards.

This mixture does not contain any substances that are assessed to be a Persistent, Bio-accumulative and Toxic (PBT) or very Persistent and very Bio-accumulative (vPvB).

#### Other hazards which do not result in classification

None known.

Section 3  
Ingredients Composition / Information

3.2 Mixture.

Substance classified with a health or environmental hazard		
REACH #: 01-2120764690-50 EC: 220-239-6 CAS: 2682-20-4 Index: 613-326-00-9	2-Methyl-4-isothiazolin-3-one	<0.0015%
	Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2, H330; Skin Corr. 1B, H314; Eye Dam. 1, H318; Skin Sens. 1A, H317; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; EUH071	
	ATE [Oral] = 100 mg/kg; ATE [Dermal] = 300 mg/kg; ATE [Inhalation(vapours)] = 0.5 mg/l; Skin Sens. 1, H317: C ≥ 0.0015%; M [Acute] = 10; M [Chronic] = 1	

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

Additional information

For the wording of the listed hazard phrases refer to Section 16.  
Occupational exposure limits, if available, are listed in Section 8.

Section 4  
First Aid Measures

4.1 Description of first aid measures.

General

In all cases of doubt, or if symptoms occur, seek medical attention.

**Eye contact**

Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.

**Inhalation**

If having trouble breathing, move to fresh air. Keep room well ventilated.

**Skin contact**

Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.

**Ingestion**

If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do NOT induce vomiting.

**Protection of first-aiders**

No action shall be taken involving any personal risk or without suitable training.

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

There are no data available on the mixture itself. Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin.

If splashed in the eyes, the liquid may cause irritation and reversible damage.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

Contains reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)(55965-84-9), 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one(2634-33-5). May produce an allergic reaction.

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

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

**Specific treatments**

No specific treatment.

See toxicological information (Section 11).

## Section 5 Firefighting Measures

### 5.1 Extinguishing media.

#### Suitable extinguishing media

Recommended: alcohol-resistant foam, carbon dioxide, powders.

#### Unsuitable extinguishing media

Do not use water jet.

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

#### Hazards from the substance or mixture

Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

#### Hazardous combustion products

Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

### 5.3 Advice for firefighters.

#### Special protective actions for fire-fighters

Cool closed containers exposed to fire with water. Do not release runoff from fire to drains or watercourses.

#### Special protective equipment for fire-fighters

Fire-fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

## Section 6 Accidental Release Measures

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

#### For non-emergency personnel

Avoid breathing vapour or mist. Refer to protective measures listed in sections 7 and 8.  
Keep unnecessary and unprotected personnel from entering.

#### For emergency responders

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**6.2 Environmental precautions.**

Do not allow to enter drains or watercourses. If the product contaminates lakes, rivers, or sewers, inform the appropriate authorities in accordance with local regulations.

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

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Preferably clean with a detergent. Avoid using solvents.

**6.4 Reference to other sections.**

See Section 1 for emergency contact information.

See Section 8 for information on appropriate personal protective equipment.

See Section 13 for additional waste treatment information.

**Section 7****Handling & Storage**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

**7.1 Precautions for safe handling.**

Avoid contact with skin and eyes. Avoid inhalation of vapour, spray or mist.

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.

Put on appropriate personal protective equipment (see Section 8).

Never use pressure to empty. Container is not a pressure vessel.

Always keep in containers made from the same material as the original one.

Comply with the health and safety at work laws.

Do not allow to enter drains or watercourses.

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

Store in accordance with local regulations.

**Notes on joint storage**

Keep away from: oxidising agents, strong alkalis, strong acids.

**Additional information on storage conditions**

Observe label precautions. Store in a dry, cool and well-ventilated area. Keep away from heat and direct sunlight.

Keep container tightly closed.

No smoking. Prevent unauthorised access. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Contaminated absorbent material may pose the same hazard as the spilt product.

Store above 5°C (42°F). Protect from frost.

### 7.3 Specific end use(s).

#### Recommendations

Not available.

#### Industrial sector specific solutions

Not available.

Good housekeeping standards, regular safe removal of waste materials and regular maintenance of spray booth filters will minimise the risks of spontaneous combustion and other fire hazards.

Before use of this material please refer to the Exposure Scenario(s) if attached for the specific end use, control measures and additional PPE considerations.

## Section 8

### Exposure Controls & Personal Protection

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

#### 8.1 Control parameters.

##### Occupational exposure limits

No exposure limit value known.

##### Recommended monitoring procedures

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

**DNELs / DMELs**

No DNELs / DMELs available.

**PNECs**

No PNECs available.

**8.2 Exposure controls.**

**Appropriate engineering controls**

Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapours below the OEL, suitable respiratory protection must be worn.

Users are advised to consider national Occupational Exposure Limits or other equivalent values.

**8.2.1 Individual protection measures.**

**Hygiene measures**

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye / face protection**

Use safety eyewear designed to protect against splash of liquids

**8.2.2 Skin protection.**

**Hand protection**

Wear suitable gloves tested to EN374.

**8.2.3 Gloves.**

**Short term exposure less than 10 minutes**

Continuously use Nitrile gloves.

**Long term exposure spill / for prolonged or repeated handling**

Use PE / PE Laminate gloves > 8 hours (breakthrough time).

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals.

The breakthrough time must be greater than the end use time of the product.

The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed.

Gloves should be replaced regularly and if there is any sign of damage to the glove material.



Always ensure that gloves are free from defects and that they are stored and used correctly. The performance or effectiveness of the glove may be reduced by physical/chemical damage and poor maintenance.

Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposure has occurred.

The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment.

#### **Body protection**

Personnel should wear antistatic clothing made of natural fibres or of high temperature-resistant synthetic fibres.

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

#### **Other skin protection**

Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

#### **Respiratory protection**

Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Recommended: A2P2 (EN14387). Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

#### **Environmental exposure controls**

Do not allow to enter drains or watercourses.

Before use of this material please refer to the Exposure Scenario(s) if attached for the specific end use, control measures and additional PPE considerations. The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation. The provisions of the national health and safety at work regulations apply to the use of this product at work.

## **Section 9**

### **Physical & Chemical Properties**

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

9.1 Information on basic physical and chemical properties.

Appearance	
Physical state	Liquid (Paste)
Colour	Various
Odour	Low
Odour threshold	Not relevant / applicable due to nature of the product
pH	Not available (not tested) Insoluble in water
Change in condition	
Melting point and freezing point	Not relevant / applicable due to nature of the product
Initial boiling point and boiling range	100°C
Flash point	Closed cup: >93.3°C
Evaporation rate	Slower than Ether Phase
Flammability	Not relevant / applicable due to nature of the product
Vapour pressure	2.3 kPa (17.5 mm Hg)
Relative vapour density	Not relevant / applicable due to nature of the product
Relative density	1.982227583
Solubility(ies)	Not relevant/applicable due to nature of the product
Solubility in water	Not relevant/applicable due to nature of the product
Partition coefficient: n-octanol/water	Not relevant/applicable due to nature of the product

Auto-ignition temperature	Not available
Decomposition temperature	Not relevant / applicable due to nature of the product
Viscosity	
Kinematic (40°C)	>20.5 mm <sup>2</sup> /s
Explosive properties	Under normal conditions of storage and use, hazardous reactions will not occur
Oxidising properties	Under normal conditions of storage and use, hazardous reactions will not occur
Median particle size	Not relevant / applicable due to nature of the product

9.2 Other information.

Heat of combustion  
0.082 kJ/g

Section 10

Stability & Reactivity

10.1 Reactivity.

No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability.

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

10.3 Possibility of hazardous reactions.

No specific test data related to reactivity available for this product or its ingredients.  
Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid.

When exposed to high temperatures may produce hazardous decomposition products.

**10.5 Incompatible materials.**

Keep away from the following materials to prevent strong exothermic reactions: oxidising agents, strong alkalis, strong acids.

**10.6 Hazardous decomposition products.**

Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

Refer to Section 7: Handling and Storage and Section 8: Exposure Controls & Personal Protection for additional handling information and protection of employees.

**Section 11****Toxicological Information****11.1 Information on toxicological effects.**

There are no data available on the mixture itself. Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin.

If splashed in the eyes, the liquid may cause irritation and reversible damage.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

Contains reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)(55965-84-9), 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one(2634-33-5). May produce an allergic reaction.

**Acute toxicity**

No data available.

**Acute toxicity estimates**

No data available.

**Irritation / Corrosion**

No data available.

**Sensitisation**

No data available.

**Mutagenicity**

No data available.

**Carcinogenicity**

No data available.

**Reproductive toxicity**

No data available.

**Teratogenicity**

No data available.

**Specific target organ toxicity (single exposure)**

No data available.

**Specific target organ toxicity (repeated exposure)**

No data available.

**Aspiration hazard**

No data available.

**11.2 Information on other hazards.****Endocrine disrupting properties**

Not available.

**Other information**

Not available.

**Section 12****Ecological Information****12.1 Toxicity.**

There are no data available on the mixture itself.

Do not allow to enter drains or watercourses.

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP GHS]. See Sections 2 and 3 for details.

Product / ingredient name	Result	Species	Exposure
2-Methyl-4-isothiazolin-3-one	Acute EC50 0.18 ppm Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 0.07 ppm Fresh water	Fish - Oncorhynchus mykiss	96 hours

**12.2 Persistence and degradability.**

**Conclusion / summary**

Not available.

**12.3 Bioaccumulative potential.**

No data available.

**12.4 Mobility in soil.**

**Soil / water partition coefficient (KOC)**

Not available.

**Mobility**

Not available.

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

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

**12.6 Endocrine disrupting properties.**

Not available.

**12.7 Other adverse effects.**

No known significant effects or critical hazards.

## Section 13 Disposal Considerations

### 13.1 Waste treatment methods.

#### 13.1.1 Product.

##### Methods of disposal

The generation of waste should be avoided or minimised wherever possible.

Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

##### Hazardous waste

No.

##### European waste catalogue (EWC)

08 01 12 - waste paint and varnish other than those mentioned in 08 01 11.

##### Disposal considerations

Do not allow to enter drains or watercourses.

Dispose of according to all federal, state and local applicable regulations.

If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned.

For further information, contact your local waste authority.

#### 13.1.2 Packaging.

##### Methods of disposal

The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

##### Disposal considerations

Using information provided in this safety data sheet, advice should be obtained from the relevant waste authority on the classification of empty containers. Empty containers must be scrapped or reconditioned. Dispose of containers contaminated by the product in accordance with local or national legal provisions.

##### European waste catalogue (EWC)

Recycling possible. Ensure packaging is completely empty before recycling.

Dispose of uncured residues in the same way as the product itself. Plastic articles 15 01 02 - metallic packaging 15 01 04 - mixed packaging 15 01 06.

#### Special precautions

This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers

#### 13.2 Uncleaned packaging.

Disposal must be made according to official regulations.

#### 13.3 Recommended cleansing agents.

Water, if necessary together with cleansing agents.

### Section 14

#### Transport Information

##### 14.1 UN number or ID number.

ADR / RID, IMDG, IATA

Not regulated.

##### 14.2 UN proper shipping name.

ADR / RID, IMDG, IATA

Void.

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

ADR / RID, IMDG, IATA

Void.

##### 14.4 Packing group.

ADR / RID, IMDG, IATA

Void.

##### 14.5 Environmental hazards.

ADR / RID, IMDG, IATA

No.

This mixture is not classified as dangerous according to international transport regulations (ADR/ RID, IMDG, ICAO / IATA).



**14.6 Special precautions for user.****Transport within user's premises**

Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**14.7 Maritime transport in bulk according to IMO instruments.**

Not applicable.

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

**Section 15  
Regulatory Information****15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture.****15.1.1 EU Regulation (EC) No. 1907/2006 (REACH).**

**Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles**

Not applicable.

**15.1.2 Other EU regulations.**

**Ozone depleting substances (1005/2009/EU)**

Not listed.

**Prior Informed Consent (PIC) (649/2012/EU)**

Not listed.

**Persistent Organic Pollutants**

Not listed.

**Seveso Directive**

This product is not controlled under the Seveso Directive.

**15.2 Chemical safety assessment.**

No Chemical Safety Assessment has been carried out.

**Section 16****Other Information****16.1 Abbreviations and acronyms.****ATE**

Acute Toxicity Estimate

**CLP**

Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

**DMEL**

Derived Minimal Effect Level

**DNEL**

Derived No Effect Level

**EUH statement**

CLP-specific Hazard statement

**PBT**

Persistent, Bioaccumulative and Toxic

**PNEC**

Predicted No Effect Concentration

**RRN**

REACH Registration Number

**vPvB**

Very Persistent and Very Bioaccumulative

**16.2 Key literature references and sources for data.**

Regulation (EC) No. 1272/2008 [CLP]

**ADR**

The European Agreement concerning the International Carriage of Dangerous Goods by Road

**DPD**

Dangerous Preparations Directive [1999/45/EC]

**DSD**

Dangerous Substances Directive [67/548/EEC]

**IATA**

International Air Transport Association

**IMDG**

International Maritime Dangerous Goods

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878

Directive 2012/18/EU, and relative amendments & additions

Directive 2008/98/EC, and relative amendments & additions

Directive 2009/161/EU, and relative amendments & additions

CEPE Guidelines

**16.3 Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP / GHS].**

**Classification**

Not classified.

**Justification**

Not available.

**16.4 Other information.**

**Full text of abbreviated H statements**

Not applicable.

**Full text of classifications [CLP / GHS]**

Not applicable.

**Date of printing**

05, Jan, 2023.

**Date of issue / date of revision**

05, Jan, 2023.

**Date of previous issue**

09, Oct, 2022.

If there is no previous validation date please contact your supplier for more information.

**Version**

2.02

**16.5 Notice to reader.**

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that their activities comply with all country or local laws. The conditions for use of the product are not under the control of the manufacturer, therefore the customer/buyer/user is responsible for determining the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.