# SAFETY DATA SHEET

**Fixxall Tile & Stone Repair Kit**

According to UK REACH and GB CLP (Reg. (EC) No 1272/2008 as retained in GB law)

Revision date: [02/01/2023]  Version: [1.0]

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

### 1.1 Product identifier

Trade name: **Fixxall Tile & Stone Repair Kit**

Kit contents:

- **Tile & Stone Intensive Power Clean – 150 ml**
- **Tile & Stone Protector – 150 ml**
- **Injectable Adhesive – 50 ml**
- **1-Part Filler**
- **Scratch Cover #000 White – 30 ml**
- Accessories: Protective gloves, applicator tool and pad

### 1.2 Relevant identified uses of the mixture and uses advised against

Identified uses:

- Cleaning, sealing and repairing internal and external tile and stone surfaces.
- Filling chips and cracks and disguising minor surface scratches.

Uses advised against:

- Any use not specified on the label or technical data sheet.
- Use on sensitive substrates (fabrics, carpets, wallpaper, clothing, unprotected metals etc.) without testing in an inconspicuous area.

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

Supplier: **[Fixxall / H&G Langleys Group Ltd**
**United Kingdom**

Email: technical@fixxall.co.uk
Website: **[www.fixxall.co.uk]**

### 1.4 Emergency telephone number

**NHS non-emergency advice (UK): 111**
**Life-threatening emergencies: 999**

# 2. Hazards identification

Final CLP classification for each component must be confirmed from suppliers' SDS and/or test data.

### 2.1 Classification of the mixture

Overall kit: mixture of several classified and non-classified preparations.

Likely key hazards (to be confirmed):

- **Tile & Stone Intensive Power Clean**
  - Corrosive / causes serious eye damage (GHS05).
  - May cause skin irritation and sensitisation due to isothiazolinone preservatives.
- **Tile & Stone Protector**
  - Generally low hazard; may cause mild eye/skin irritation.
- **Injectable Adhesive**
  - May cause skin and eye irritation.
- **1-Part Filler**
  - Contains isothiazolinones and other preservatives; may cause skin sensitisation and eye irritation.
- **Scratch Cover**
  - Contains organic solvent and alkyd resin; may cause skin and eye irritation; flammable liquid/vapour depending on exact solvent content.

### 2.2 Label elements

Because this is a multi-component kit, individual containers will carry their own labels. For the outer kit packaging you may use:

combined hazard statements:

- H318 Causes serious eye damage.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H226 Flammable liquid and vapour.
- H412 Harmful to aquatic life with long lasting effects.

Example precautionary statements:

- P102 Keep out of reach of children.
- P280 Wear protective gloves and eye protection.
- P264 Wash hands thoroughly after handling.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- P302+P352 IF ON SKIN: Wash with plenty of water.
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P501 Dispose of contents/container in accordance with local regulations.

### 2.3 Other hazards

- Liquid products may make surfaces slippery until fully dried/cured.
- Sanding or abrading cured filler may generate dust; avoid inhalation.
- Contains isothiazolinones which can cause allergic skin reactions in sensitised individuals.

# 3. Composition/information on ingredients

### 3.1 Substances

Not applicable – multi-component mixture.

### 3.2 Mixtures

Below are key hazardous ingredients identified from label text. Exact concentrations and classifications must be checked against raw-material SDS.

## Tile & Stone Intensive Power Clean

- Non-ionic surfactants, <5 %
- Cationic surfactants, <5 %

- Scent / fragrance (including **geraniol**)
- Sodium pyrithione
- Benzisothiazolinone
- Propylheptanolethoxylate (non-ionic surfactant)
- Quaternary C12–14 alkylmethylethoxylat-methylchloride (cationic surfactant)

## Tile & Stone Protector

- Liquid polymer emulsion (polymer dispersion in water)
- Minor additives and preservatives

## Injectable Adhesive

- Low-viscosity bonding adhesive for fixing loose or hollow tiles (polymer/emulsion adhesive).

## 1-Part Filler

Contains (preservatives):

- 1,2-Benzisothiazol-3(2H)-one
- Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (CMIT/MIT)
- 2-Methylisothiazol-3(2H)-one
- 3-Iodo-2-propynyl butylcarbamate (IPBC)
- Bronopol

Base filler / binder system:

## Scratch Cover #000 White

- Alkyd resin
- Ether solvent (organic solvent)
- Inorganic pigment
- Carbamide (urea) organic compound approx. 4.5 %

# 4. First aid measures

### 4.1 Description of first aid measures

General:

- Remove contaminated clothing. If symptoms persist, seek medical attention and show this SDS.

Inhalation:

- Move victim to fresh air and keep at rest.
- If breathing is difficult or symptoms persist, get medical advice.

Skin contact:

- Wash with plenty of soap and water.
- If skin irritation or rash occurs, seek medical advice.

Eye contact:

- Immediately rinse cautiously with clean water for at least 15 minutes.
- Remove contact lenses if present and easy to do. Continue rinsing.
- Seek urgent medical attention, especially for contact with Intensive Power Clean.

Ingestion:

- Rinse mouth. Do **not** induce vomiting.
- Give small sips of water if conscious.
- Seek medical advice and show this SDS.

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

- Irritation or burning sensation to eyes and skin.
- Redness, tearing, pain in eyes.
- Possible allergic skin reaction (from isothiazolinones).
- Headache, dizziness or nausea after heavy solvent vapour exposure.

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

- For eye contact with Intensive Power Clean, treat as chemical burn – immediate medical attention recommended.
- Symptomatic treatment only; no specific antidote.

# 5. Firefighting measures

### 5.1 Extinguishing media

Suitable: foam, dry powder, carbon dioxide ($CO_2$), water spray/fog.
Unsuitable: high-pressure water jet directly onto product.

### 5.2 Special hazards arising from the mixture

- Combustion may produce CO, $CO_2$ and irritating fumes.
- Containers exposed to fire may rupture.

### 5.3 Advice for firefighters

- Wear self-contained breathing apparatus and full protective clothing.
- Cool closed containers with water spray.

# 6. Accidental release measures

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

- Avoid contact with eyes and skin.
- Wear gloves and eye protection.
- Ensure adequate ventilation.

### 6.2 Environmental precautions

- Prevent entry into drains, watercourses and soil.
- Notify authorities in case of large spills into watercourses.

### 6.3 Methods and materials for containment and cleaning up

- Absorb liquid with sand, earth or inert absorbent and place in suitable labelled containers.
- Scrape up pastes/fillers and place in containers for disposal.
- Clean residue with water and detergent, avoiding excessive water use.

### 6.4 Reference to other sections

- See Section 8 for personal protective equipment.
- See Section 13 for disposal.

# 7. Handling and storage

### 7.1 Precautions for safe handling

- Read label and follow instructions for each component.
- Use only in well-ventilated areas.
- Avoid splashes on sensitive surfaces (fabrics, carpets, wallpaper, clothing, unprotected metals).
- Avoid contact with skin and eyes; do not breathe vapours, aerosols or dust from sanding.
- Do not eat, drink or smoke when using this product.

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

- Store in tightly closed original containers.
- Keep in a cool, dry, well-ventilated place, away from direct sunlight and sources of ignition.
- Store out of reach of children and pets.
- Protect from frost and excessive heat.

### 7.3 Specific end use(s)

- Cleaning, sealing and repairing tile and stone surfaces, as detailed on product labels and technical data sheets.

# 8. Exposure controls/personal protection

### 8.1 Control parameters

    - Refer to substances

### 8.2 Exposure controls

Engineering controls:

- Ensure good general ventilation during use; local exhaust if spraying large areas or when sanding filler.

Personal protective equipment:

- **Eye/face protection**: Safety glasses/goggles (EN 166) when splashing likely.
- **Hand protection**: Chemical-resistant gloves (e.g. nitrile). Inspect and replace regularly.
- **Skin protection**: Suitable protective clothing to prevent contamination.
- **Respiratory protection**: Masks if appropiate

    - Not normally needed for small DIY use in well-ventilated areas.
    - If ventilation is poor or sanding dust is generated, wear a suitable particulate respirator (e.g. FFP2) and/or organic vapour mask as appropriate.

Hygiene measures:

- Wash hands thoroughly after handling.
- Remove contaminated clothing and wash before reuse.

Environmental exposure controls:

- See Sections 6 and 13.

# 9. Physical and chemical properties

**9.1 Basic physical and chemical properties**
(Approximate, will vary by component)

- Appearance: liquids (cleaner, protector, adhesive, scratch cover) and paste (1-part filler)
- Colour: various (clear/milky liquids; coloured filler; white scratch cover)
- Odour: characteristic / solvent / slight fragrance
- pH:
    - Intensive Power Clean: mildly alkaline (approx. [to be confirmed])
    - Protector / adhesive: near neutral (approx. [to be confirmed])
- Boiling point: >100 °C (aqueous products)
- Flash point: unknown
- Solubility in water:
    - Cleaner, protector, adhesive: miscible or dispersible
    - Filler / scratch cover: partially soluble / insoluble

**9.2 Other information**

- No additional information available for the mixture.

# 10. Stability and reactivity

**10.1 Reactivity**
No dangerous reactions known under normal conditions of use.

**10.2 Chemical stability**
Stable under recommended storage conditions.

**10.3 Possibility of hazardous reactions**
No hazardous polymerisation expected.

**10.4 Conditions to avoid**
Extreme temperatures, direct sunlight, freezing, sources of ignition (for solvent-containing components).

**10.5 Incompatible materials**
Strong oxidising agents, strong acids or bases.

**10.6 Hazardous decomposition products**
In fire: CO, $CO_2$, smoke and irritating fumes.

# 11. Toxicological information

**11.1 Information on toxicological effects**

Likely routes of exposure: skin and eye contact, inhalation of vapours or aerosols, accidental ingestion.

- **Acute toxicity**: Not expected to be acutely toxic at supplied concentrations, based on available data for typical ingredients.
- **Skin corrosion/irritation**: Intensive Power Clean and wet filler/adhesive may cause skin irritation.
- **Serious eye damage/irritation**: Intensive Power Clean may cause serious eye damage. Other components may cause eye irritation.
- **Respiratory or skin sensitisation**: 1-Part Filler and Intensive Power Clean contain isothiazolinones; may cause allergic skin reaction.
- **STOT-single exposure**: Solvent in scratch cover may cause drowsiness or dizziness at high vapour concentrations.
- **Carcinogenicity, mutagenicity, reproductive toxicity**: No components known to be classified for these endpoints at supplied concentrations (based on label information only).
- **Aspiration hazard**: for solvent-containing scratch cover.

# 12. Ecological information

**12.1 Toxicity**
Surfactants, preservatives and solvents may be harmful to aquatic life at high concentrations.

**12.2 Persistence and degradability**
Many surfactants are biodegradable; preservatives and some solvents may be more persistent. Exact data **to be added** from suppliers.

**12.3 Bioaccumulative potential**
Some components may have potential to bioaccumulate; data **to be confirmed**.

**12.4 Mobility in soil**
Liquid components are mobile in water; avoid uncontrolled release.

**12.5 Results of PBT and vPvB assessment**
Based on available information, mixture does not contain substances identified as PBT or vPvB at ≥0.1 % (to be confirmed).

**12.6 Endocrine disrupting properties**
No data currently available.

**12.7 Other adverse effects**
Avoid release to the environment. Large spills may cause localised environmental damage.

# 13. Disposal considerations

**13.1 Waste treatment methods**

Product:

- Dispose of unused product and contaminated absorbents as hazardous waste in accordance with local regulations.
- Do not discharge into drains or watercourses.

Empty packaging:

- Allow liquids to drain and residues to cure where safe to do so.
- Dispose of as controlled waste via licensed contractor.
- Do not reuse empty containers.

EWC code(s): **[to be confirmed by waste contractor – e.g. 08 04 10, 20 01 27* etc., depending on local classification]**.

# 14. Transport information

For retail quantities of this kit:

- **UN number**: [not applicable]
- **UN proper shipping name**: [not applicable]
- **Transport hazard class(es)**: [not applicable]
- **Packing group**: [not applicable]
- **Environmental hazards**: [not applicable]
- **Special precautions for user**: Store upright, protect from damage and leakage.

For many small consumer packs of similar products, transport is often **not classified as dangerous goods**, but this must be confirmed from solvent content and flash point data.

# 15. Regulatory information

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

- UK REACH Regulation and GB CLP Regulation apply.
- Workplace Exposure Limits (EH40) apply where relevant.
- Classification, labelling and packaging must follow GB CLP.

### 15.2 Chemical safety assessment

No chemical safety assessment has been carried out for the mixture as supplied.

# 16. Other information

This Safety Data Sheet is based on information available from product labels and typical formulations of similar products. It is the responsibility of the user to ensure suitability of this information for their own particular use.

Abbreviations:

- CLP: Classification, Labelling and Packaging
- REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- WEL: Workplace Exposure Limit