



Safety Data Sheet

JB-A125

Acrylic Copolymer Bonding Agent & Waterproof Admixture

SAFETY NOTICE — Acrylic copolymer emulsion liquid. May cause mild skin and eye irritation. Ensure adequate ventilation during mixing and application. Read this Safety Data Sheet before handling.

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

Product Name	Jenga JB-A125
Product Code	JB-A125
Product Series	FloorSafe™
Product Description	Acrylic copolymer based admixture, bonding agent and waterproof coating liquid
Product Use	Multi-purpose acrylic additive for cementitious mortars, concrete repair, bonding slurry, renders, and waterproofing slurry coatings. For professional application only.
Pack Size	1 Litre, 5 Litres & 20 Litres
Brand Name	Jenga
Company Name & Address	Shajanand Business Park, Mlolongo, Kenya
Helpline Call Centre	+254 733880999 Email: info@jengapro.com Web: www.jengapro.com
Revision Date	July 2026

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION

- **Skin Corrosion/Irritation:** Category 3 — H316: Causes mild skin irritation
- **Serious Eye Damage/Irritation:** Category 2B — H320: Causes eye irritation

GHS LABEL ELEMENTS

- **Signal Word:** WARNING
- **GHS Pictogram:** None required under standard GHS criteria for Category 3 skin / Category 2B eye irritation.

HAZARD STATEMENTS

- **H316:** Causes mild skin irritation
- **H320:** Causes eye irritation

PRECAUTIONARY STATEMENTS

- **P261:** Avoid breathing mists/vapours/spray
- **P264:** Wash thoroughly after handling
- **P270:** Do not eat, drink or smoke when using this product
- **P271:** Use only outdoors or in a well-ventilated area
- **P280:** Wear protective gloves, protective clothing, and eye/face protection
- **P302+P352:** IF ON SKIN: Wash with plenty of water and soap
- **P305+P351+P338:** IF IN EYES: Rinse cautiously with water for several minutes; remove contact lenses if present and easy to do; continue rinsing
- **P332+P313:** If skin irritation occurs: Get medical advice/attention
- **P337+P313:** If eye irritation persists: Get medical advice/attention
- **P362+P364:** Take off contaminated clothing and wash it before reuse
- **P501:** Dispose of contents/container in accordance with local regulations

3. COMPOSITION / INFORMATION ON INGREDIENTS

Name	CAS No.	Content (%)	GHS Classification
Modified Acrylic Copolymer	Proprietary	30 – 32%	Non-hazardous polymer emulsion
Water & Additives	7732-18-5	68 – 70%	Not classified

4. FIRST-AID MEASURES

Inhalation: Move affected person to fresh air. Seek medical attention if discomfort or respiratory irritation continues.

Ingestion: Rinse mouth thoroughly with water. Do NOT induce vomiting. Seek medical advice.

Skin Contact: Wash affected area immediately with plenty of soap and water. Remove contaminated clothing. Seek medical advice if irritation develops.



Eye Contact: Rinse eyes immediately with plenty of clean water for several minutes while lifting eyelids. Remove contact lenses if present and easy to do. Treat as requiring medical attention if irritation persists.

5. FIRE-FIGHTING MEASURES

- **Extinguishing Media:** Water spray, foam, dry chemical powder, or carbon dioxide (CO₂). Water-based liquid polymer will not burn until water evaporates.
- **Special Exposure Hazards:** Thermal decomposition under extreme heat may release carbon monoxide (CO), carbon dioxide (CO₂), and trace acrylic monomer fumes.
- **Special Protective Equipment:** Wear self-contained breathing apparatus (SCBA) and full protective fire-fighting gear.

6. ACCIDENTAL RELEASE MEASURES

- **Personal Precautions:** Wear suitable protective gloves, protective clothing, and eye protection (Section 8). Avoid contact with skin and eyes.
- **Environmental Precautions:** Prevent material from entering drains, sewers, or surface watercourses.
- **Decontamination Procedures:** Absorb spillage onto sand, earth, or other inert absorbent material. Collect into suitable sealed containers for disposal. Clean up area thoroughly with water while material is fresh.

7. HANDLING AND STORAGE

- **Usage Precautions:** Ensure adequate ventilation during mixing and application. Avoid contact with skin, eyes, mouth, and nasal passages. Wear chemical-resistant gloves and protective eyewear. Wash hands thoroughly after work and before breaks.
- **Storage Precautions:** Store in unopened original packaging, clear of the ground in cool, dry conditions. Protect from direct heat, excessive draught, and freezing. Shelf life is 12 months from date of manufacture when stored correctly.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits: No specific workplace exposure limit established for this liquid acrylic copolymer emulsion. Refer to DOSHS regulations under OSHA 2007, Kenya.

ENGINEERING CONTROL MEASURES

Provide good general room ventilation or local exhaust to prevent vapour accumulation during indoor application. Ensure eye-wash facilities are readily accessible.

PERSONAL PROTECTIVE EQUIPMENT

- **Hand Protection:** Impervious protective gloves (e.g., PVC or rubber). Barrier creams may be used.
- **Eye/Face Protection:** Safety glasses or chemical splash goggles conforming to EN 166.
- **Respiratory Protection:** Not required under normal, well-ventilated conditions. Wear an approved organic vapour mask if mists or spray fumes accumulate.
- **Body Protection:** Standard work garments; prompt removal and washing of contaminated clothing is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Free flowing liquid	Specific Gravity	1.025 – 1.035 @ 27°C
Colour	Milky white	Solid Content	30 – 32% (w/w)
Odour	Low / Mild characteristic	Viscosity (Ford Cup No.4)	11 – 13 seconds
pH	> 7.0 (IS 9103-1999)	Ash Content	< 1%
Boiling Point	~100°C	Water Solubility	Fully miscible in water
Flash Point	Non-flammable	Auto-flammability	Not applicable

10. STABILITY AND REACTIVITY

- **Stability:** Stable under recommended storage and handling conditions.
- **Conditions to Avoid:** Extreme temperatures, direct sunlight, and freezing conditions.
- **Materials to Avoid:** Strong oxidising agents, strong acids, and alkalis.
- **Hazardous Decomposition Products:** None under normal storage. Thermal pyrolysis emits carbon oxides (CO, CO₂).

11. TOXICOLOGICAL INFORMATION

- **Inhalation:** Low toxicity. Excessive exposure to vapours in poorly ventilated areas may cause mild respiratory discomfort.
- **Ingestion:** Non-toxic under normal handling. Swallowing may cause mild mouth, throat, or gastrointestinal irritation.
- **Skin Contact:** Prolonged or repeated skin contact may cause mild skin drying or irritation.
- **Eye Contact:** Direct splash into eyes will cause transient ocular discomfort, tearing, and irritation.
- **Chronic Effects:** Non-toxic, safe water-based formulation. No chronic sensitisation effects identified.

12. ECOLOGICAL INFORMATION

- **Environmental Assessment:** Water-based emulsion. Prevent concentrated discharge into watercourses, sewers, or soil.
- **Mobility & Persistence:** Fully water soluble liquid. Polymer component is persistent; aqueous phase is readily diluted.
- **Bioaccumulative Potential:** Low potential for bioaccumulation.



13. DISPOSAL CONSIDERATIONS

- **Unused Product:** Dispose of via licensed waste disposal contractors in accordance with local environmental legislation and NEMA guidelines.
- **Spillage Residues:** Absorb liquid with sand or earth, transfer to sealed drums, and dispose of at an approved waste facility.
- **Packaging:** Empty plastic drums/bottles should be rinsed with water and recycled or disposed of in accordance with local regulations.

14. TRANSPORT INFORMATION

Classification: THIS PRODUCT IS NOT CLASSIFIED AS DANGEROUS GOODS FOR TRANSPORT (Road, Sea, Air)

15. REGULATORY INFORMATION

- **GHS Classification:** Skin Corrosion/Irritation Category 3 (H316), Serious Eye Damage/Irritation Category 2B (H320).
- **Applicable Legislation:** Users in Kenya should refer to the Occupational Safety and Health Act (OSHA), 2007, regulations issued by DOSHS, and NEMA environmental regulations.

16. OTHER INFORMATION

- **Training Advice:** Communicate the safety contents of this data sheet to all personnel involved in mixing, handling, or applying this product.
- **Revision Note:** Prepared by BGSB Construction Products Ltd for the Jenga® / FloorSafe™ range, adapted from E 125 source technical data and formatted according to standard GHS Safety Data Sheet guidelines for the Kenyan market.

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