

Bath Bomb Making - Risk Assessment

Powder Inhalation

Hazards: Airborne powders/dust from bicarbonate of soda, citric acid and powdered colourants.

Who's at risk: Participants and host.

Controls:

- Use low-dust handling: pour slowly, keep bowls low, avoid shaking/sifting.
- Keep ingredient tubs closed when not in use.
- Ensure good ventilation (windows open or venue ventilation on).
- Brief participants not to lean directly over bowls when mixing.

Residual risk: Low

Skin / Eye Irritation

Hazards: Irritation to skin/eyes from citric acid, fragrance oils and colourants; splashes.

Who's at risk: Participants and host.

Controls:

- Provide aprons/disposable aprons.
- Keep liquids in small, controlled dispensers (droppers/pipettes/spray bottles).
- Handwashing access and wipes on each table.

Residual risk: Low

Allergic Reactions

Hazards: Allergic reactions or sensitisation from fragrance oils, botanicals, colourants, or carrier oils.

Who's at risk: Participants and host (anyone with known allergies, asthma, eczema or sensitive skin).

Controls:

- Ask for allergy/sensitivity information in advance where possible.
- Use cosmetic-grade ingredients only.
- Offer a fragrance-free option.

Residual risk: Medium (cannot be fully eliminated).

Slips, Trips and Falls

Hazards: Slips from spilled water/oils; trips from bags/boxes underfoot; powder on floors.

Who's at risk: Everyone in the room.

Controls:

- Keep walkways clear; store bags/boxes under tables or in a designated area.
- Use small bottles for liquids; avoid open jugs
- Wipe spills immediately; keep paper towels/wipes and a bin at each station
- Designate a "clean-up point" and assign the host to monitor the floor

Residual risk: Low.

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Manual Handling

Hazards: Strains/sprains from lifting stock and equipment.

Who's at risk: Host/instructor primarily.

Controls:

- Use wheeled bags/trolleys where possible; split loads into smaller boxes.
- Use correct lifting technique; ask venue staff for help with heavy items.
- Allow enough setup time to avoid rushing.

Residual risk: Low.

Table Protection

Hazards: Product spills and colour staining.

Who's at risk: Venue (property), host (liability), participants (personal items).

Controls:

- Use table coverings and/or disposable mats; keep wipes handy.
- Set up a controlled environment
- Brief participants to keep personal items off the table edges; provide a side table for coats/bags.

Residual risk: Low.

Behavioral Risks

Hazards: Breakages, spills, injuries if participants are careless (especially with glassware).

Who's at risk: Everyone.

Controls:

- Clear start-of-session briefing; host has authority to pause/stop activity.
- If alcohol is present, keep glass items controlled.
- Maintain appropriate supervision ratio for group size.

Residual risk: Medium (depends on group).