

# Product Safety Data Sheet "Bins and Containers"

Safety information according to Regulation (EU) 2023/988 "GPSR"

## 1. Manufacturer of the products

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## 2. Product identification, scope & traceability

This document applies to:

All BITO storage, transport and picking containers made of plastic, including accessories, unless product-specific documents specify different requirements.

Clear identification: Article/variant name can be read on the product; Item number(s) as per quotation/delivery and invoice documents.

Batches/Date Marking:

Production month via date clock on the container.

Marking on the product:

manufacturer's mark and electronic address; Identification feature (type/batch/series) on the product.

## 3. Intended use

Commercial application for storing, transporting and picking goods.

Handling manual or automated (e.g. conveyor technology/AMR/operating devices).

Operating conditions: load values (payload/load/stacking load) according to catalogue/data sheet; Test basis including EN 13117-2 at 23 °C. At higher temperatures, pollution values can be reduced.

## 4. Reasonably foreseeable misuse (not permitted)

- Overloading / incorrect load distribution
- Use as a stepping/climbing aid
- Improper stacking (skewing/too high slenderness)
- Use outside permissible temperature/ambient conditions
- Contact with harsh chemicals that can attack the plastic

## 5. Summary of the Security Assessment (internal risk analysis available)

### Significant hazards & measures (excerpt):

Hazard	Cause/scenario	Risk-mitigating measure(s)	Residual risk / Reference
Mechanical ( Squeezing/ Impact/cut)	Pinching during stacking/ Destacking; damaged edges; transport movements	Stack perpendicularly; Damaged Lock containers; safe gripping/carrying method; PPE after risk assessment	Residual risk in the case of improper Handling
Overload/ Stack collapse	Exceeding the payload/load/stack height; Imbalance	Respect load limits; Slenderness $\leq 6:1$ ; Stability factor $\geq 2.0$ ; Regular visual inspection	Tilt $>2\%$ → stack controlled dismantle
Thermal (Deformation)	High Ambient Temperature/ Hot cleaning	observe temperature limits; Do not use near heat sources	Load-bearing capacity can decrease in heat
Fire/smoke	Plastic flammable; Smoke development	Keep away from ignition sources; Observe operational fire protection requirements	Do not inhale smoke; Observe evacuation rules
Hygiene/ Contamination (Food)	Inadequate cleaning; Cross-contamination	Cleaning before food contact; appropriate cleaning procedures; visual release	Only use containers with "Glass-Fork" Symbol

Note on user groups: The product is intended for commercially trained users.

As part of a risk assessment, the operator must determine appropriate organisational measures (instruction, PPE, stacking/traffic rules).

## 6. Safe Use Instructions (Key Statements)

### Stacking/stability:

- Slenderness (height : narrow side base)  $\leq 6:1$ ; Stability factor  $\geq 2.0$  (DGUV 108-007).
- Do not exceed payload/load/stacking load and permissible stack heights.
- Build stacks perpendicularly; Reduce the slope  $>2\%$  → stack in a controlled manner.
- For widely differing loads: stack decreasing upwards.
- Regular visual inspection. Decommission damaged containers

### Handling/transport:

- Do not throw container; use suitable gripping points.
- For conveyor technology: only use approved variants; hold transfer points free of pinch points.
- Do not use as a seat/step/climbing aid.

### Temperature/Environment/Chemicals:

- Application range according to data sheet; Reduced load-bearing capacity at elevated temperatures have to be taken into account
- Do not use aggressive chemicals that attack the plastic; Request material release in case of uncertainty.

### Cleaning/Hygiene (Food):

- For food contact only use containers with glass fork symbol.
- Clean thoroughly before first and reuse; Cleaning validation is the responsibility of the operator.
- Inadequate cleaning can lead to bacterial growth and health risks

## 7. Market Surveillance, Complaints, Accidents & Corrective Actions

Complaints/Accidents: Public communication channels for reporting safety problems and accidents: [info@bitto.com](mailto:info@bitto.com) / [www.bitto.com](http://www.bitto.com).

BITO maintains an internal record of complaints, recalls, and corrective actions.

If a dangerous product is suspected:

BITO immediately takes appropriate corrective measures (e.g. rectification, withdrawal from the market, recall) and informs consumers and market surveillance authorities if necessary.

## 8. Technical documentation (dossier)

Technical documentation including internal risk analysis, verifications/test reports and applied standards is kept up-to-date and made available to the competent market surveillance authorities on request (retention: 10 years from the date of placing on the market).

## 9. Note / Distinction

This product safety data sheet does not replace the user's operational risk assessment. Product and application-specific deviations are possible; the respective data sheets/offer documents of the specific article variant are decisive.

The product is considered safe within the meaning of the **EU Product Safety Regulation** (GPSR) when used as intended and reasonably foreseeable.