

Product Safety Sheet - Usage information for consumers

Plastic boxes and crates

Explanation of markings:

Manufacturer details Schoeller Allibert

The manufacturer's information is often found in a specific location, such as on the side or bottom of the product. This can be displayed in the form of a logo, brand name, or an embedded label.

Production batch

You can find the production batch on our plastic products by looking at the injection molding clock. This marking, often found on the bottom or side of the product, provides information about the production year and month. The injection molding clock is a useful tool for determining the exact production date, which is helpful for quality control, warranty claims, or product recalls.

Food safety symbol

Many of our plastic products feature the food safety symbol, which indicates that the product is safe for direct contact with food. This symbol is usually represented by a glass and fork and is typically located in a visible spot, such as the side or bottom of the product. The food safety symbol is important if you want to ensure that the product is suitable for use in the food industry, household applications, or other situations in which the plastic product directly comes in contact with food. This information can also be found in our product datasheets.

Material type

The type of material of our plastic products can be identified by the material symbol on the product, usually found on the bottom or side. This symbol consists of an abbreviation, such as 'PP' (polypropylene), 'HDPE' (high-density polyethylene), 'PVC' (polyvinyl chloride), or 'ABS' (acrylonitrile butadiene styrene), often depicted within a triangle of arrows. This symbol helps you quickly determine the material and suitability for an application. In addition to the markings on the product, detailed information regarding the type and properties of the plastic material is provided in our product datasheets. This information is essential for making well-informed material selections, particularly when specific properties such as food safety, temperature resistance, or chemical resistance are critical considerations.

Product specifications


- **Product datasheet:** Product datasheets can be downloaded from our [website](#) or [webshop](#) by searching for the product's article number.
- **Dimensions:** The dimensions may vary by up to 2%, either up or down, compared to the specified measurements. Temperature variations may affect the dimensions.
- **Material:** See the product datasheet for details.
- **Recycling:** The product is fully recyclable and should be disposed of in accordance with the applicable local recycling regulations and guidelines.

Load capacity

- **Maximum load:** The maximum load capacity specified in the product datasheets applies to evenly distributed loads. Overloading or uneven distribution may cause instability or damage.

- **Point loads:** Avoid placing heavy items at a single point in the product, as this may lead to deformation or breakage.
- **Temperature resistance:** Adhere to the specified temperature limits. Prolonged exposure below freezing or above 50°C can negatively affect impact resistance, durability, and load capacity. Frequent checks for cracks or damage are necessary. Discontinue use if damage is detected.
- **UV-radiation:** Avoid prolonged exposure to UV radiation (sunlight) as it can degrade the product's properties. Check for cracks or fractures in cases of prolonged UV exposure and discontinue use if damage is found.

Color and food safety

- **Colors:** Colors are indicated with RAL tones. The specified RAL tones are estimations; colors in plastic may vary slightly from the specified RAL color. Furthermore, color variations may arise due to differences in the raw materials utilized.
- **Food safety:** Products suitable for direct contact with food are marked with a  symbol as described under "Explanation of markings." Ensuring timely cleaning and maintaining hygiene is the responsibility of the user.

Potential risks

- **Material breakage and injury:** Material breakage due to exceeding load capacity or improper use (e.g., exposure to high temperatures or UV radiation) can result in potential risks such as cuts or pinching injuries.
- **Physical strain:** Moving boxes with heavy loads can cause physical strain, leading to back and muscle issues.
- **Health risks:** Risks of pinching or injuries, especially when using hinged lids.
- **Overloading:** Exceeding the specified load capacity for stackable boxes can result in deformation or breakage.
- **Uneven surfaces:** Using boxes on unstable or uneven surfaces can cause instability, leading to falling objects, injuries, or damage.
- **Operating temperatures:** Use boxes within the temperature limits specified in the product datasheets to prevent deformation and breakage.
- **Fire hazard:** Plastic can melt when exposed to open flames or extreme heat, posing a fire risk and releasing toxic fumes.
- **UV damage:** Long-term exposure to sunlight can weaken the plastic structure.
- **Inadequate cleaning:** Lack of proper hygiene can result in bacterial growth and cross-contamination.

Safety measures

- **Even load distribution:** Ensure the load is evenly distributed to prevent tipping or instability.
- **Operating temperature:** Use boxes within the specified temperature range to avoid deformation or damage.
- **Secure lids:** Ensure lids are correctly and firmly attached to prevent damage during transport.

- **Frequent inspections:** Inspect crates and boxes regularly for cracks, deformations, or other signs of wear and tear. Do not use damaged products and replace them if necessary.
- **Usage of protective gloves:** Use protective gloves when handling damaged products to avoid injuries.
- **Careful handling:** Regularly check for damage or cracks and avoid using products with such defects.
- **Transport tools:** Use appropriate tools such as transport trolleys or dollies to safely handle boxes.
- **Avoid overloading:** Prevent overloading by adhering to the specified maximum load and ensuring even distribution.
- **Frequent cleaning:** Maintain cleanliness to prevent food contamination. Remove any limescale deposits with an appropriate cleaning agent.
- **Disinfection:** Use suitable disinfectants for cleaning and disinfecting plastic boxes. Ensure thorough cleaning and rinsing beforehand. Frequent cleaning and disinfection procedures are essential for optimal use.
- **Compliance of cleaning products:** Ensure cleaning and disinfecting products meet legal requirements and are properly registered.
- **Fire safety:** Do not place smoldering or highly flammable items in the boxes.

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