

Product Safety Sheet - Usage information for consumers

Buckets & barrels

Explanation of markings:

Manufacturer details



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 applications. 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 type:** See the product datasheet for details.
- **Recycling:** The product is fully recyclable and should be disposed of according to local recycling guidelines.

Load capacity

- **Maximum load:** The specified maximum load of the product applies when the load is distributed evenly. Overloading or uneven distribution can lead to instability or damage to the container.
- **Point loads:** Avoid placing very heavy items at a single point in the container, as this can cause deformation or breakage.
- **Temperature resistance:** The indicated resistance to temperature applies to short-term exposure. Long-term exposure below freezing or above +50°C should be avoided. Under such conditions, product properties, such as impact resistance and load capacity, may be negatively affected. Frequent inspection for cracks or fractures is necessary. If any are found, the product should be taken out of service.
- **UV exposure:** Prolonged exposure to UV radiation (sunlight) should be avoided, as it can adversely affect the product's properties. Inspect for cracks or fractures when exposed to UV radiation for extended periods. Discontinue use if damage is detected.

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 mentioned 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

- **Instability and tipping:** Tall plastic barrels can become unstable if placed on uneven surfaces or not properly supported, especially when filled. This may result in tipping or spilling, causing injury or contamination.
- **Chemical reactions:** Certain chemicals may react with specific types of plastic, potentially causing material degradation, leaks, or dangerous chemical reactions.
- **Incorrect lid attachment:** If the lid of a bucket or barrel is not securely attached, spills may occur during transport, leading to contamination.
- **Overloading and overfilling:** Filling a plastic bucket or barrel beyond its recommended capacity can lead to deformation or handle breakage, posing risks of spillage and injury.
- **Improper handling:** Plastic buckets with handles can be heavy and challenging to handle when full. Lifting with poor technique can lead to back injuries or other physical strain.
- **Leakage and contamination:** Older plastic barrels may develop small cracks or damage, resulting in leaks. This is particularly hazardous if the contents are dangerous or contaminating.
- **Fire hazard:** Plastic can melt when exposed to open flames or extreme heat, posing a fire risk and releasing toxic fumes.
- **Pinch hazard when closing lids:** When sealing large barrels with matching lids, there is a risk of pinching fingers.
- **Tipping during transport:** Barrels and buckets may roll or tip over during transport if not properly secured, causing damage to the load or injury to nearby individuals.

Safety measures

- **Even load distribution:** Ensure contents are evenly distributed to avoid tipping and instability.
- **Operating temperature:** Use buckets and barrels within the temperature limits recommended in the product sheets to prevent deformation and damage.
- **Frequent inspections:** Check buckets and barrels regularly for cracks, deformation, or other signs of wear. Do not use damaged containers and replace them if necessary.
- **Usage of protective gloves:** When handling damaged products, wear protective gloves to avoid injury.
- **Secure lid attachment:** Ensure lids are properly and securely attached to prevent spills or leaks during transport.
- **Avoid exposure to fire:** Keep products away from open flames and heat sources to prevent melting or fire.
- **Proper lifting techniques:** Lift heavy buckets and barrels with a straight back and avoid overloading to prevent physical injury.
- **Secure during transport:** Ensure buckets and barrels are securely fastened during transport.
- **Pinch hazard precaution:** Keep hands away from the rim when placing lids on buckets or barrels.

For questions or more information, please contact:

Transoplast BV

(Distributor)

Ulenpasweg 2

7041 GB 's-Heerenberg

The Netherlands

Email: info@transoplast.com

Phone: +31 (0)314-664400