



# Explanation of Packaging Types RIGK-SYSTEM

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# Introduction

## Primary packaging Sales packaging



- Packaging filled with goods
- form a sales unit consisting of product and packaging for the end customer

## Secondary packaging Repackaging



- bundles several sales packages into one unit

## Tertiary packaging Transport packaging



- is used to handle and transport one or more sales units
- prevents damage during handling or transportation



Sales packaging, repackaging and transport packaging must be reported separately in the RIGK-SYSTEM according to the following packaging types.

**Anything firmly attached to or connected with the sales packaging must be reported as part of it** (e.g. lids, brackets, bung rings, spouts).

# Rigid packaging made of plastics:

Excluded: Rigid packaging made of glass and metal

## Exemplary packaging:

- ▶ Barrels with screw cap with metal bung ring if applicable
- ▶ Barrels with lid
- ▶ Wide-neck barrels
- ▶ Hobbocks
- ▶ Canisters
- ▶ Screw lid buckets
- ▶ Round and rectangular buckets with plastic or metal bracket
- ▶ Plastic bottles
- ▶ Bottles of chemical
- ▶ Square bottles
- ▶ Plastic cans
- ▶ Hubs, Cores (only HDPE and PP)

**Products:** Solid, liquid, adhesive and highly viscous substances



**Material:**



**Filling unit:**

From approx. 50 ml to e.g. 200 l

**RIGK-Notification note:**

- Differentiation into two categories depending on the product
- **Rigid packaging 1:** adhesive and highly viscous substances (e. g. hardener, adhesive, bitumen etc.)
- **Rigid packaging 2:** other materials and hubs/ core

## Plastic sacks:

Sacks made of plastics and inner bags for solids

### Exemplary packaging:

- ▶ Plastic sacks
- ▶ Inner bags for solids
- ▶ Flat sacks
- ▶ Form-Fill-Seal-Sacks (FFS)
- ▶ Endless tubular bags
- ▶ Side gusseted sacks
- ▶ Bags
- ▶ Sachets

**Products:** Solid substances



**Material:**



**Filling unit:**

From approx. 5 g to e.g. 150 kg

**RIGK-Notification note:**

- Differentiation according to material and contents categories

#### **Contents categories:**

- Category 1: Inorganic compounds with alkali reaction
- Category 2: Inorganic compounds with acidic reaction
- Category 3: Inorganic inert compounds
- Category 4: Organic compounds which do not react with each other
- Category 5: Organic polymer compounds
- Category 6: PVC
- Category 7: Soot
- Category 8: Paint pigments
- Category S: Foodstuffs and fodder, peat, earthen products, wood dust etc.

## Combined packaging:

Packaging made from different materials that cannot be separated by hand

Maximum mass percentage of the most commonly used material type: 95 %

### Exemplary packaging:

- ▶ Blister packaging
- ▶ Flavour protection packaging
- ▶ Metal- or aluminium-coated bags
- ▶ Cardboard boxes with plastic/metal base/lid
- ▶ Cardboard packaging with glued-in aluminium bag/EPS moulded part
- ▶ Bag-in-box made of cardboard with glued-in plastic sack and plastic spout\*

**Products:** Solid and liquid substances



**Material:** Diverse

**Filling unit:**  
From approx. 50 ml to e.g. 200 l

### **RIGK-Notification note:**

- Differentiation between composite FIBCs and other composite packaging
- Maximum mass fraction > 95%: Notification under the material of the main component

## FIBCs & woven fabric sacks:

FIBC: Large, flexible and tear-resistant bag with loops for lifting

Woven fabric sack: smaller version with the same structure and without loops

### Exemplary packaging:

- ▶ FIBCs (Big Bags)
- ▶ Woven fabric sacks
- ▶ Big Packs
- ▶ Bulk Bags
- ▶ Jumbo Bags
- ▶ QBags
- ▶ Container sacks
- ▶ Fluid Bags

**Products:** Solid products, mainly bulk goods



**Material:**



Inliner:



**Filling unit:**

Big Bag ca. 100 – 2000 kg

Woven fabric sacks significantly less

**RIGK-Notification note:**

- Differentiation between contents categories 7-8 (soot and paint pigments) and all other products.
- Separate notification of composite FIBCs (e.g. PP+ aluminium)

# Paper & cardboard:

Cardboard, papersacks, octabins & fiberdrums

## Exemplary packaging:

- ▶ Papersacks Chemistry
- ▶ Papersacks Agriculture
- ▶ Cardboard
- ▶ Boxes
- ▶ Cardboard boxes
- ▶ Folded boxes
- ▶ Octabins (Octatainer)
- ▶ Fiberdrums (with metal bung ring if applicable)
- ▶ Pallet skids
- ▶ Uncoated paper (Wrapping paper, paper chips, pallet intermediate layers etc. )

**Products:** Solid, pasty and powdery substances



**Material:**



**Filling unit:**

From approx. 5 kg to e.g. 200 kg

**RIGK-Notification note:**

- Differentiation into three packaging types:
  - Cardboard (incl. octabins)
  - Fiberdrums
  - Papersacks (additional differentiation according to chemical or agricultural application)
- Notify uncoated paper under cardboard packaging, coated paper under packaging aids

# Secondary & Transport packaging:

All secondary packaging

Exception: Packaging aids

## Exemplary packaging:

- ▶ Shrink films
- ▶ Winding films
- ▶ Stretch films
- ▶ Film bonnets
- ▶ Protection covers
- ▶ Box covers
- ▶ Side gusseted bonnets
- ▶ Pallet coverings
- ▶ Pallet cover sheets
- ▶ Pallet wrappings
- ▶ Dust hoods
- ▶ Pallet hoods
- ▶ One-way plastic pallets
- ▶ One-way wooden pallets (untreated)  
(and other untreated wood products such as square timbers and wooden boxes)

**Products:** Depending on the primary packaging



**Material:**



**Filling unit:**

Depending on the primary packaging

**RIGK-Notification note:**

- Distinction between films and pallets
- **Films:** Differentiation between stretch films made of LLDPE and shrink films made of LDPE
- Assign pallet bonnets, cover sheets and protective covers etc. to stretch or shrink films depending on the material
- **Pallets:** Differentiation between wooden/press board and plastic one-way pallets

## Packaging aids:

All components that protect & help transport the packed product

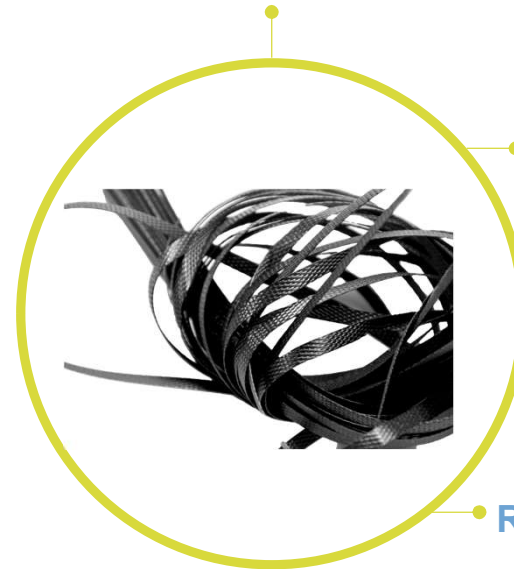
Exception: Secondary and transport packaging

### Exemplary packaging:

- ▶ Strappings
- ▶ Fabric blanks
- ▶ Hubs, Cores, Winding tubes (not made of HDPE and PP)
- ▶ Coated paper layers
- ▶ Product, Corner and edge protection
- ▶ Clamps
- ▶ Fasteners



**Products:** Depending on the primary packaging



**Material:** Diverse

**Filling unit:**  
Depending on the primary packaging

**RIGK-Notification note:**

- Notify all packaging types that fall into the category of packaging aids together

# Polystyrene (EPS, EPP):

Packaging types consisting of foamed plastic

Expanded Polystyrene (EPS) or  
Expanded Polypropylene (EPP)

## Exemplary packaging:

- ▶ Styrofoam boxes
- ▶ Upholstery inserts
- ▶ Cuttings
- ▶ Styrofoam chips

**Products:** Solid substances



**Material:**



**Filling unit:**

Depending on the packed product

**RIGK-Notification note:**

- Joint reporting of mono-fraction EPS and EPP packaging
- Notify coated polystyrene under packaging aids

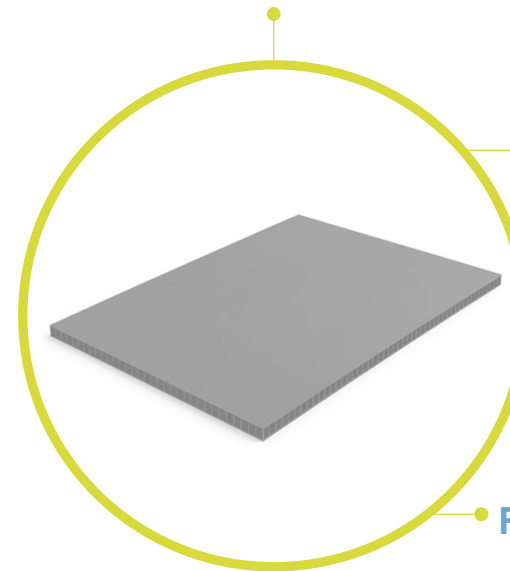
## Hollow chamber panels:

Rigid polypropylene panels with a double-wall structure and a thin air channel layer, often used as intermediate layers on pallets.

### Exemplary packaging:

- ▶ Hollow chamber panels
- ▶ Multi-wall sheets
- ▶ Twin-wall sheets
- ▶ Plastic interlayers
- ▶ Pallet interlayers

**Products:** Depending on the primary packaging



**Material:**



**Filling unit:**

Depending on the primary packaging

**RIGK-Notification note:**

- Only single-type sheets made of polypropylene plastic should be reported under this packaging type.
- Interlayers made from different types of plastic must be reported as 'packaging aids'.
- Cardboard interlayers must be reported as 'cardboard packaging'.



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