



Explanation of Packaging Types RIGK-SYSTEM

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Rigid packaging made of plastics:

Excluded: Rigid packaging made of glass and metal

Exemplary packaging:

- ▶ Barrel with screw cap with metal bung ring if applicable
- ▶ Barrel with lid
- ▶ Wide-neck barrel
- ▶ Hobbocks
- ▶ Canister
- ▶ Screw lid bucket
- ▶ Round and rectangular buckets with plastic or metal bracket
- ▶ Plastic bottles
- ▶ Bottles of chemical
- ▶ Square bottle
- ▶ Plastic cans

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

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
- ▶ Bag
- ▶ Sachet

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-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

Products: Solid products, mainly bulk goods



Material: 

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

Paper & cardboard:

Cardboard, papersacks, octabins & fiberdrums

Exemplary packaging:

- ▶ Papersacks Chemistry
- ▶ Papersacks Agriculture
- ▶ Cardboard
- ▶ Boxes
- ▶ Cardboard boxes
- ▶ Faltschachteln
- ▶ Oktabins
- ▶ 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

Transport- & secondary 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
- ▶ One-way wooden pallets
- ▶ One-way plastic pallets
- ▶ Pallet hoods

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:

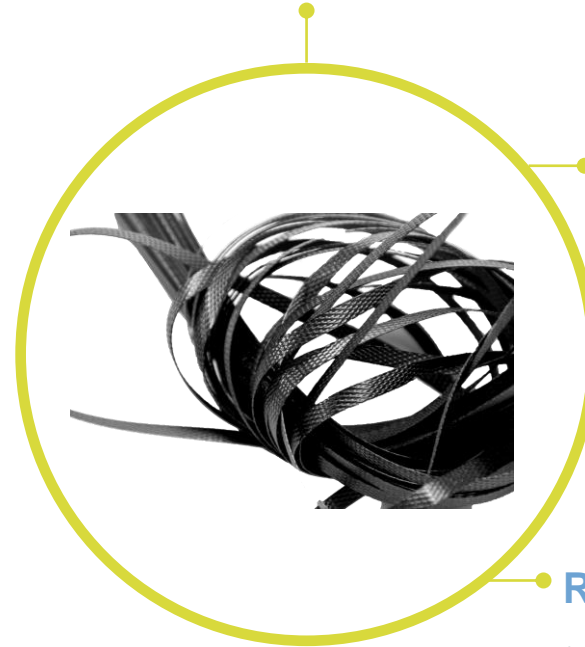
All components that protect & help transport the packed product

Exception: Secondary and transport packaging

Exemplary packaging:

- ▶ Hubs
- ▶ Coated paper layers
- ▶ Strappings
- ▶ Fabric blanks

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



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