MARK® CZ 11

Description
Calcium/zinc stabiliser

Delivery form
Yellowish white, homogeneous, high viscous paste

Application
MARK® CZ 11 is primarily used in the production of plasticised PVC articles, which meet the requirements for food approval, e.g. tubes, and plasticised films, which come into contact with food.

Satisfactory stabilisation cannot usually be obtained with MARK® CZ 11 alone and therefore it is used in combination with synergistic additives. Epoxidised compounds such as DRAPEX® 39 at 2.0 - 5.0 phr and organo-phosphites such as MARK® CH 55 at 0.5 - 1.0 phr have been proven to give good results.

There are no restrictions with respect to processing methods - calendering, extrusion, injection moulding - as long as the thermal and shear stresses involved during processing are not too high.

MARK® CZ 11 gives highly transparent finished articles provided that a suitable type of PVC and lubricating system are chosen.

Rigid PVC
In calendered, rigid PVC film with good deep drawing properties the combination of MARK® 17 MOK and MARK® CZ 11 has proven to give good results. For a stabilisation only based on calcium/zinc MARK® CZ 122 should be preferred.

Plasticised PVC
MARK® CZ 11 is primarily used in the production of non-toxic, plasticised articles such as tubes, films or toys.

Plastisols
MARK® CZ 11 is also used in the stabilisation of plastisols and is primarily recommended for the production of non-toxic finished articles.

Approval
The approval status depends on the local requirements. Specific information can be submitted on request.

Dosage
Recommended dosage level: 1.5 - 3.0 phr

Specification
The specified values are given in the Product Specification.
Packaging  
MARK® CZ 11 is supplied in PE drums with removable cover, which can be reused (contents 180kg). Alternatively they may contain a PE bag inside.

Storage  
Please refer to the MSDS. 
Recommended storage temperature: 15 to 30 °C. 
Keep packaging dry and reseal tightly after use.