

**Product description**

Composition	75% Methyl-2-mercaptobenzimidazole 25% EPDM/EVA binder and dispersing agents		
Appearance	beige granules (colour intensity may vary due to raw materials)		
Density, 20 °C	Approx. ~ 1.17 g / cm <sup>3</sup> (20°C)		
Physiological properties :See safety data sheet (MSDS)			
Raw material characteristics of MMBI:			
Melting point	≥ 270 °C	Ash content	≤ 0.50%
Heat loss	≤ 0.50%	Sieve residue 150µm	≤0.10 %

**Use Characteristics** Konson® MMBI-75 is mainly used as a synergistic co-agent for other antioxidants. The combination of Konson®MMBI-75 with other antioxidants is always more effective as the individual components. Konson® MMBI-70 is a moderately powerful, non-staining antioxidant. It is particularly suitable for formulations including ultra accelerators, as well as for heat-resistant mixes without sulphur but with Konson®TMTD-80. Compounds with a higher content of Konson®TMTD-800 but without sulphur will be activated by Konson® MMBI-75. Konson® MMBI-75 acts as a retarder on Konson®CBS, Konson®MBT, and on thiuram and dithiocarbamate accelerators, thereby increasing processing safety and storage stability of the compounds. Konson®MMBI-75 slightly reduces the modulus of natural and synthetic rubber articles. It does not bloom when the recommended dosages are used.

**Dosage levels** Primary antioxidant: 0.1 - 2 phr + 1 -3 phr sulphur  
Secondary antioxidant: 0.05 - 0.25 phr + 1 - 2 phr sulphur  
Without free sulphur: 2.5 - 4 phr

**Applications** Suitable for all kinds of transparent, white and coloured rubber articles, fabric proofings, etc.

**Packing** Net 25 kg cartons with plastic inner.

**Storage stability** In original closed containers under cool and dry conditions max. 2 years.

**Handling** Consult material safety data sheet (MSDS) for additional handling information.