Function
Antioxidant for latex compounds and adhesives

Product description
Composition: 50 % diphenylamine derivative (Rhenofit DDA) as aqueous emulsion
Appearance: reddish-beige viscous liquid
Density: approx. 1.00 g/cm³
Discoloration of vulcanizates: slight discoloration
Physiological properties: see safety data sheet

Use
Mode of action: Rhenofit DDA-50 EM prevents damage by oxygen and heat for latex compounds. As a heat protective agent it is recommended for applications at higher temperatures. Rhenofit DDA-50 EM is effective against dynamic crack formation caused by oxygen (e.g. in NR). It has little or no protective effect if crack formation is mainly caused by ozone (e.g. in SBR). Rhenofit DDA-50 EM does not influence the scorch and total curing times.

According to recommendation XXI of the BfR (German Federal Institute for Risk Assessment) Rhenofit DDA-50 EM can be used in rubber articles which come in contact with foodstuffs, provided the amount does not exceed 1.4 % calculated on the finished goods. It is not recommended to use Rhenofit DDA-50 EM for vulcanizates which come into contact with foodstuffs containing oils or large amounts of fats.

Processing: Rhenofit DDA-50 EM is the aqueous emulsion of Rhenofit DDA. Rhenofit DDA-50 EM is easy to incorporate and disperses homogenously in the latex compounds.

Dosage: As protection for latex articles: 1.5-7.5 phr Rhenofit DDA-50 EM

Application: Latex compounds

Packaging
120 kg plastic drum on 600 kg kid or 1000 kg IBC (Schuetz)
Storage stability
In original closed conditions under cool and dry conditions 365 days from date of production. Rhenofit DDA-50 EM contains bio degradable components. Material should, therefore, be consumed shortly after opening of packaging.

Handling
For additional handling information on Rhenofit DDA-50 EM please consult material safety data sheet.

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