

Rhenofit® DDA-50 EM

Specialty and standard chemicals

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/cm ³
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 homogeneously 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.

Our technical advice - whether verbal, in writing or by way of trials - is given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. It does not release you from the obligation to test the products supplied by us as to their suitability for the intended processes and uses. The application, use and processing of the products are beyond our control and, therefore, entirely your own responsibility. Should, in spite of this, liability be established for any damage, it will be limited to the value of the goods delivered by us and used by you. We will, of course, provide products of consistent quality within the scope of our General Conditions of Sale and Delivery.



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