Function
Cross-linking agent for acrylate rubber

Product description
Composition: 80 % Diuron [N’-(3,4-dichlorophenyl)- N,N-dimethyl urea], 20 % acrylate binder and dispersing agents
Appearance: greyish granules
Density, 20 °C: approx. 1.4 g/cm^3
Physiological properties: see safety data sheet

Use
Mode of action: Rhenogran Diuron-80/ACM is used together with alkali soaps such as sodium or potassium stearate (e.g. Rhenogran KST-50/ACM, Rhenogran NAST-50/ACM, Rhenofit Na-Stearat-80) as crosslinking system for polyacrylate rubbers. These types are particularly vigorous in crosslinking and, in principle, they can be cured without post-curing. With the Diuron/alkali soap system there is a good balance between processing behavior and physical properties. With the cured products good mechanical-physical test data are obtained.

Processing: The thermoplastic binder, especially developed for the use in acrylate rubber in combination with special dispersing agents allows quick absorption and excellent dispersion in the rubber. In this way, optimal activity of the effective substance is assured.

Dosage: 2-4 phr

Application: Oil-resistant seals based on acrylate rubber for use in vehicles and engineering

Packaging
25 kg paper bag on 500 kg skid

Storage stability
In originally sealed containers under cool and dry conditions 730 days from date of production

Handling
For additional handling information on Rhenogran Diuron-80/ACM please consult current safety data sheet.
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