

## Rhenodiv® HR-795

Release Agents

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### Function

Release agent for hoses and latex mattresses

### Product description

Composition:	Mixture of high-molecular-weight surfactants and poly-functional alcohols
Appearance:	Light yellow liquid
Density, 20 °C:	Approx. 1.06 g/cm <sup>3</sup>
Viscosity, 25 °C:	Approx. 2000 mPas
pH, 20 °C (10 %):	Approx. 8.5
Physiological properties:	See current safety data sheet

### Use

**Mode of action:** Rhenodiv HR-795 is a liquid hose-release agent that facilitates both the mounting of the uncured hose on the mandrel and the removal of the cured hose from the mandrel. Rhenodiv HR-795 works efficiently for all kinds of none-polar to medium-polar rubber mixtures, including ECO. Rhenodiv HR-795 doesn't contain silicone oil and doesn't affect rubber compounds. Residual product on cured hoses can be rinsed with cold water.

Rhenodiv HR-795 also performs particularly well in the production of natural or synthetic latex mattresses. It gives a high quality surface and enables a facile demolding after curing. Mold contamination is not observed.

**Processing:** **Hose application:**  
Rhenodiv HR-795 can be applied either by brush directly onto the mandrels or by dipping the green hoses in the product. Rhenodiv HR-795 is non-corrosive and not skin irritating. Standard precautions of working hygiene must be observed.

**Mattress application:**  
Rhenodiv HR-795 is recommended to be diluted with demineralized water. Ideally, the dilution is sprayed with an air-atomizing spray gun into the hot mold. It is recommended to spray at every cycle.

Dosage:

Hose application:

Depending on the design of the metal mandrels and the type of rubber mixtures Rhenodiv HR-795 is applied pure or diluted with water (up to 1 part Rhenodiv HR-795 on 2 parts water).

Mattress application:

8-10 % in demineralized water

Applications:

Release agent for hoses and molded articles based on natural or synthetic latex, e.g. latex mattresses

## **Packing**

1000 kg IBC

## **Storage stability**

In original closed containers under cool and dry conditions 12 months from date of production.

## **Handling**

Please consult material safety data sheet for additional handling information on Rhenodiv HR-795.

The indicated data are not to be considered as specifications.

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