



KETTLITZ-Antitack HC-310

- technical leaflet -

Antitack HC-310 is a release agent in paste form with 100 % active content based on magnesium stearate with surfactants, antifoam agents and anti-corrosion-additives for the treatment of uncured rubber compounds as sheets, endless strips or granules. The product can be used in batch-off-units which are working with spraying or dipping facilities.

The antitack film which remains on the surface of the rubber compound after drying is, depending on the concentration, nearly transparent to whitish and clearly visible.

Antitack HC-310 was developed under economic and environmental aspects. More than 80 % of the fluid components are bio-degradable. A high efficiency is given due to the delivery as concentrate.

The release agent in concentrated paste form can also be dispersed without any problems in cold water within a short time and will be stable in the dispersion for a longer period. Once sedimentation arise when the production unit stopped (weekend, holidays, etc.) the pigments will stay voluminosely and loose and can be brought again to suspension very quickly. Also the pollution of the production unit, caused by Antitack HC-310, is very low.

Recommended application

For first trials it is recommended to dilute Antitack HC-310 in the relation of 1 + 30 (1 part paste + 30 parts water). This means a solid content of about 3.1 % in the dilution.

The Antitack paste is easy to disperse, also in cold water.

We recommend to stir the dilution at least 15 minutes, depending on the temperature of the water and the type of the agitator till the magnesium stearate is properly dispersed and free of any agglomerates.

Caution! Never pre-dilute the Antitack HC-310 concentrate, always dilute it directly with water in the correct ratio ready for use. The addition of water to the concentrate in smaller amounts (less than 1 + 2 (concentrate + water)) leads to thickening of the product and significantly worsens handling/pumpability!

Physical Properties

Chemical Characteristics		combination of magnesium stearate, detergents and antifoam agents
Appearance		white paste
Dry Matter	(%)	97 ± 2
pH Value (20 °C)*		10.0 ± 1.0
Conductivity*	(mS/cm)	1.60 ± 0.25
Physiol. Behavior		see material safety data sheet
Storage Stability		1 year under suitable storage conditions
Packing		buckets containing 25 kg net

* measured in the diluted release agent in a ratio of 1 + 30 (1 part Antitack HC-310 + 30 parts water)