KAPPAFLAM AP
Flame retardant for polymerdispersions

CHEMICAL-PHYSICAL DATA
Chemical composition: ammonium polyphosphate
Appearance: fine, white powder
pH-value 20 °C (10%): 6.0 – 8.0
Bulk weight (g/l): approx. 500

FUNCTION
By impact of heat, KAPPAFLAM AP releases incombustible protective gases which prevent the access of oxygen to the flammable substrate.
KAPPAFLAM AP has a low water-solubility and can be used in synthetic materials as well as in water-based coating systems.

APPLICATION
KAPPAFLAM AP can be combined with most of the polymerdispersions (as e. g. acrylates, polyurethane, lattices, polyvinylacetate, polyvinylchloride). The product has a good dispersibility.
Depending on the requirements and the existing substrate, the necessary application level is between 15 – 30 by weight, relating to the solid content of the binding agent.

DILUTION INSTRUCTION
KAPPAFLAM AP is almost water-insoluble.

STORAGE
KAPPAFLAM AP remains stable for at least 6 months if stored properly, cool and dry in a tightly closed container.