

HYBILAT® MICRO

BINDER OF VOLCANIC ORIGIN

GRAIN SIZE 0,3 – 1,5 MM

Chemical composition

Silicon oxide	SiO ²	≈ 56,0 %
Aluminum oxide	Al ² O ³	≈ 22,0 %
Alkalis	K ² O + Na ² O	≈ 12,0 %
Iron oxid	Fe ² O ³	≈ 3,0 %
Calcium oxide	CaO	≈ 2,0 %
Magnesium oxide	MgO	≈ 1,0 %
Titanium dioxide	TiO ²	≈ 0,5 %
Ignition loss		≈ 3,5 %

Product description

HYBILAT® is a safe and environmentally friendly oil and chemical binder, which combines excellent product properties with high safety standards and has been certified by DEKRA and IFSTAR, the French Institute for Science and Technology for Transport, Road Construction and Networks. When contamination or accidents with hydrocarbons (mineral oil products) or chemicals occur, the use of binders is a fast, safe and reliable method of damage control. The protection of man and the environment is the main focus. Therefore the requirements for binders are very high and are determined by experts of the German Federal Environmental Agency.

Raw material and properties

HYBILAT® consists of natural granulated pumice and has a pore volume of 80 %. This results in optimum bulk density (ca. 260–320 g/l), high absorption strength and holding capacity with almost any liquid. HYBILAT® is chemically neutral and non-toxic, offers high stability and is anti-slip even when oil-saturated.

HYBILAT® is applied generously and swept off after absorption. Before applying the compatibility of the binder with the fluid to be absorbed has to be checked. The disposal of the mixture of pollutants must comply with the relevant specifications.