



# NOIL

## OIL ABSORBENT

NOIL is a mineral composit, a universal and environmentally friendly oil and liquid absorbent developed, produced and distributed from the high quality diatomite mined on Erdőbénye, Hungary. The product consists of dried and calcined diatomite and zeolite.

### USAGE

Guarantees the CLEANLINESS and SAFETY of roads and working places, obviation and prevention of damages.

<ul style="list-style-type: none"><li>oil, oil derives</li><li>organic solvents</li><li>isotope wastes</li><li>chemicals</li><li>dangerous liquids</li><li>cutting-emulsions</li><li>coolants and brake fluids</li></ul>	ABSORPTION
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These materials

<ul style="list-style-type: none"><li>from roads</li><li>from the floors of workshops, foundries, power plants, assembly halls</li><li>from concrete, stone floors, asphalt</li><li>from separated surfaces</li></ul>	REMOVAL
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Also

<ul style="list-style-type: none"><li>different surfaces</li></ul>	ANTI-SKIDDING
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### OXIDÁCIÓS ÖSSZETÉTEL

OXIDE	Ratio
SiO <sub>2</sub>	82,0 - 87,0 %
Al <sub>2</sub> O <sub>3</sub>	6,0 - 8,0 %
Fe <sub>2</sub> O <sub>3</sub>	0,5 - 1,5 %
TiO <sub>2</sub>	0,1 - 0,3 %
MnO	0,05 - 0,1 %
MgO	0,3 - 0,8 %
Na <sub>2</sub> O	0,1 - 0,3 %
K <sub>2</sub> O	0,3 - 1,3 %
CaO	0,1 - 2,1 %



## Characteristics

Exclusive advantage of using NOIL that within its absorption capacity it holds the absorbed material, can be moved, transported and stored together!

- bounds 100% of the absorbed material, does not bleed
- absorbs and deodorizes the pollution in parallel
- economy (its liquid absorbent capacity exceeds the ones of traditional absorbents many times)\*
- can be stored for indefinite period of time
- non-flammable
- does not react chemically

*\*According to the experts opinion of Fire Protection Research Institute of Ministry of Interior no. 36/4/1993. its liquid absorption capacity exceeds 5 times the one of sand.*

*Absorption capacity: 0.8 - 1.2 kg dense oil /kg absorbent, 1.25 - 1.4 kg emulsion/kg absorbent*

## NOIL UNIVERSAL ABSORBING PADS AND ROLLERS

- for special purposes -

The NOIL universal absorbing pads and rollers are members of NOIL product family developed and distributed by EDIAFILT Ltd. Absorbing pads are capable to absorb dangerous materials, oils, oil-emulsions and other liquids, to prevent spreading flows.

Absorbing pads and rollers are heat-treated diatomite detritus loaded into textile sacks of given size. They are capable to absorb large quantity of liquid in a small place. Appropriate to clean up, as well as, can be put under continuous leakages, flows. In case of larger surfaces absorption can be concluded with several pad and rollers put next to each other.

Advantages:

- small size,
- flexible form,
- high absorption capacity,
- easy changeability.

The NOIL absorbing pads and rollers were especially developed to absorb aggressive, dangerous liquids. These pads are highly appropriate to absorb strong acids, bases, coolants, gasoline, solvents, isotope wastes, oil emulsions, hydraulic oils, vegetable and motor oils, , petroleum, mineral oil, gas, cutting and cooling emulsions, sodium hydroxide, aqueous ammonia solution, etc., as well as, the perception of dropping.

Products meet the requirements of Hungarian Standard MSZ 9943 "Requirements of filling (petrol) station". (14.5).

Erdőbénye, January 2009