



Natural fibers with Nano technology: New development in preventive oil spill shield and response products after a spill.



Natural fibers with improved absorbent technology results in :

- Large capacity in absorption: **only 1 gram fibers absorbed 50 gram oil.**
- Time of absorption: 99 % of the oil spill will be absorbed in the first 15 min.
- time of cleaning – by use granulate only sweep the fibers with a standard broom- the other products for response : only pick up..
- Less Weight.
- possible to recollect 90% of the captured liquid by pressure.
- Product for prevention – anti contamination shield – water resistant – easy to install.
- Variety in Response products after spill.

Products for Prevention:

- Anti contamination mats . general – standards 600 x 100 x 5 cm, heavy 300 x 100 x 10 cm , fire proof (cabinets) , covered. 600 x 100 x 5 cm Absorbs 300 Liter oil.
- Railway application – 600 x 145 x 5 cm – Resistant's all weather conditions- absorbs 435 liter oil.
- Electrical Utilities prevention mat- 600 x 100 x 5 cm absorbs 300 liter. oil
- Wind turbine prevention mats . 600 x 100 x 5 cm absorbs 300 liter oil .
- Prevention shield for critical zones. 600 x 100 x 5 cm absorbs 300 liter oil.

Products for response after spill:

For each situation is a suitable product available. even floating solution to capture oil/ floatable liquids on water. Basic there are 3 versions: Oil only, chemical and universal.



In case you are working with specific liquid, prepare your company to react after a spill. The technical team is ready to answer your specific questions to be prepared in a case of a calamity .

Product for response after spill :

- Absorption Pillows – absorption 1,8 Liter till 10, 5 liter.
- Connectable Socks – absorption 6 – 15 Liter-
- Connectable Booms – absorption 27,5 – 157 Liter.
- Granulate - (200 gram absorbs 3 liter), (1 kg absorbs 14 liter) (3 kg absorbs 30 Liter) and (10 kg absorbs 100 Liter)

Stationary spill kits: combination of selected products

- Spill kit 250 - dimensions: 74 x 59 x 107 cm absorb 250 liter.
- Spill kit 300- dimensions: 60 x 60 cm absorb 300 liter.
- Spill kit 500 – dimensions 90 90 x 70 cm absorbs 500 liter.
- Spill kit 750 – dimensions 100 x120 x 80 cm absorbs 750 liter.

Portable spill kits:

- Truck/ car spill kit – dimensions 45 x 40 cm weight 2 kg absorbs 20 liter.
- Portable spill kit 30 – dimensions 52 x 25 cm weight 2,5 kg absorbs 30 liter
- Portable spill kit 40 – dimensions' 62 x 26 cm weight 4 kg absorbs 40 liter

Portable spill kits – like life vest/ belt – easy to carry / central location

- Lifebuoy 20 – dimensions Ø60 weight 0,63 kg absorbs 20 liter
- Life buoy 50 – dimensions Ø90 weight 5 kg absorbs 50 liter.

Contact for free consult , questions , recommendations for specific project of situation.
Prevention is the first step in environmental friendly living.

Best regards
Martin Wierbosch