Your Eco-friendly Oil Absorbent Solution

Oils, paint, heavy metals, solvents

This is a revolutionary oil and hydrocarbon absorbent made from premium Canadian sphagnum peat moss. The raw material we harvest is dehydrated through a unique proprietary steam process, which gives it inimitable absorption capacities. When the peat is processed and water is removed from these cells, the peat becomes activated. Once activated the peat has a high capacity to absorb hydrocarbons (crude oil, gasoline, petroleum) into the empty cells. Our product absorbs oils and other hydrocarbons through a wicking or sponging action that draws the hydrocarbons into the cells and encapsulates the them definitively.



Advantages

- Absorbs oil evenly, prevents the spread of oil droplets.
- No hydrocarbon leakage, reduces environmental contamination
- Ultra light weight which reduces disposal costs
- Non abrasive. Factor of 1 on the Mohs harness scale.
- Unlimited shelf life when stored in a dry place
- Suitable for ecologically sensitive areas, approved for organic production (MIB)
- 100% organic, fully biodegradable, environmentally friendly
- Sustainably sourced from wetlands, a natural resource

Tecway Industrial Europe GmbH

Natural Hydrocarbon Absorbent

Product Description





Compressed Bags

- Article No.: NS22
- Standard packing: **15 kg per Bag**
- Form: loose, granular material
- 62 cm x 42 cm x 24 cm

User Guide

- The peat moss oil absorbent is sprinkled directly onto spilled oils or chemicals. After a short contact time, the material reliably absorbs the liquid and binds it within its natural structure.
- It is suitable for use on solid surfaces as well as for absorbing oil spills on water surfaces.
- Once saturated, the absorbed material can be removed mechanically (e.g., with a shovel, broom, or skimmer in water applications).bei Wasseranwendungen)

Typical Applications

- Pollution on the water
- Oil/chemical leaks from machinery
- Ports, port facilities, marinas
- Pollution on industrial floors
- Gas stations
- Airports and fire departments

Handling/Disposal after use

- Disposal depends on the absorbed substance:
- When saturated with hydrocarbons, used NatureSorb is treated as contaminated absorbent waste and disposed of in accordance with local regulations (e.g., in an approved landfill, through thermal treatment, or via approved recovery processes).
- When used with non-hazardous liquids, landfill or composting are possible disposal options, subject to approval by local authorities.

Absorbed Products	RATIO KGS/KG
Acetone	3.26
Denatured alcohol	3.84
Diesel fuel	3.39
Gasoline	2.36
Gear oil	4.26
Hydraulic oil	4.42
Kerosene	2.66
Light crude	3.14
Linseed oil(boiled)	3.50
Methyl Ethyl Ketone (MEK)	3.35
Mineral spirits	3.27
Naphtha	3.09
Turpentine	3.76
Xylene	3.61

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Natural Hydrocarbon Absorbent

Product Description

The oil boom is an environmentally friendly barrier for containing and absorbing oil and chemical spills. The filling material consists of natural, dried, and untreated peat moss, which is characterized by its high absorbency. The loose, dehydrated peat is filled into robust non-woven tubes and assembled into an oil boom measuring 1.1 m in length, 10 cm in diameter, and weighing approximately 2 kg. The product is ready for immediate use and easy to handle.



Oil Boom

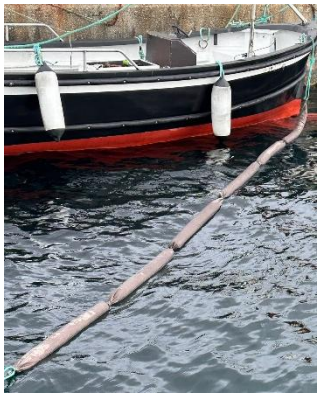
- Article No.: N1600
- Ø10 cm * 110cm
- 2 KG

User Guide

- Deploy the oil boom around the spilled liquid to prevent it from spreading.
- In case of oil spills on water, place the boom directly on the water's surface to contain the contaminated area.
- Multiple booms can be connected to secure larger areas.
- Replace promptly if the leak continues or the boom becomes saturated.

Typical Applications

- Pollution on the water
- Oil/chemical leaks from machinery
- Ports, port facilities, marinas
- Pollution on industrial floors
- Gas stations
- Airports and fire departments
- Ship decks





Handling/Disposal after use

• Once completely saturated, the oil boom should be properly collected and removed.

• Disposal depends on the substance absorbed (e.g., oil or chemicals) and applicable local environmental regulations.

• Generally, used oil booms must be treated as contaminated absorbent material and disposed of through a certified waste management company (e.g., thermal treatment).

• For biodegradable materials, disposal is possible in accordance with local environmental regulations.

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