

## 1) What is Ölbond?

Generally, one has to distinguish between two main devices:

On the one side the Oil binding granulates which are only sticking the oil on the surface of the material.

Sticky liquids can easily be stuck on raw materials, e.g. saw dust/wood shavings have also binding attributes. Oil binders are only oil covered.

After use, the material is like a paste/mash.

The oil binders should not be used on streets, because there are still greasing oil-remainders which might become dangerous for the traffic.

On the other side there are Oil absorbing granulates which are including/enclosing the oil into the core of granulates.

Oil absorbers are logged with oil after use and will not release the oil back outside.

ÖlBond are absorbing granulates!

ÖlBond was being proved for operations on German streets. In combination with Oil, ÖlBond is not slippery or greasy (Official test allow a figure up to 20% greasing effects. ÖlBond showed 0% slipping or greasing effects).

Of course, this feature will be extremely useful in all other oil cleaning applications.

## 2) Benefits of using Ölbond:

Despite being an ecological and recycled product, ÖlBond is extremely price attractive to other oil binding products.

Its highly absorbent granulates allow the user to save time and costs in binding oil and chemicals (B, F, H, P).

1 liter ÖlBond binds 0,55 liters of Oil (1kg ÖlBond is binding 1.1kg Oil) which is above-average in comparison with others.

The result will be savings in time and budget while taking care of the environment.

Export packages consist 40 liters ÖlBond (approx. 20kg). The volume data is liter, because in operation the product will not be used per weight; but rather per volume.

The deodorizing feature of ÖlBond prevents unpleasant odors, especially in confined space.

Because of its mineral substance, ÖlBond has no expiry date and can be stored unlimitedly under dry conditions.

ÖlBond is produced under German high-quality standards and is tested by the "Material Testing Office" in Dortmund, Germany, and the "Hygiene Institute" in Gelsenkirchen, Germany.

The product is pure natural without any harmful effects to the ground or with skin contact. The respirable minimum corn size is far below the limiting value.

## 3) Environmental Benefits of using Ölbond:

In comparison with other oil-binding or oil-absorbing products, ÖlBond consists of 100% recycled mineral raw materials, special white stones (Calcium Aluminum Silicate better known as Cellular Concrete) usually used by building industries. Only stones which were not released for sale (because some stones are broken or damaged) are being collected, triturated and reprocessed by the manufacturer within the meaning of circular economy to get the ÖlBond granulate material.

No natural resources need to be burdened, destroyed or dismantled for getting ÖlBond granulates which is a big step in saving the environment.

ÖlBond is not a chemical product which means that there are no negative effects to the ground or groundwater, wherever used.

## 4) How do I use Ölbond?

ÖlBond is not suitable to use on dry oil spots, if the oil spots are not being prepared by any solvents before.

ÖlBond is not suitable to use on water.

ÖlBond granulates have excellent scattering characteristics. Even huge oil spills can be covered by hand or by any additional tools, e.g. with buckets.

## 5) Disposal Information

Remains can be disposed at landfills of Class II.

Packaging can be disposed in the circulatory system of INTERSE-ROH.

## 6) Transport Information

According to valid EU directive, Goods Labeling or other relevant Transport Information is not being required.

## 7) What is the recommended quantity?

Based on the formula, that 1 liter ÖlBond absorbs 0,55 liters of Oil (1kg ÖlBond is binding 1.1kg Oil), we recommend to cover wet oil spots on a large scale.

## 8) Field of Application:

Car and Lorry Repair Shops/Stations, Fire Brigades, Police, Motorway and Road Maintenance Departments, Filling/Patrol Stations, Industrial Plants, Workshops, Haulage Firms, Breakdown Recovery Services, Farmers, etc.

## 9) Summary

- No harmful effects to the environment or with skin contact
- Highly absorbent
- Deodorizing
- Suitable as a chemical binder (B, F, H, P)
- 100% recycled product
- Can be stored indefinitely

## 10) Technical Standards

**Pattern:** Granulate

**Color:** white

**Odor:** neutral

**Corn Size:** 0,125 – 4mm

**ph-value:** 10,9

**Changes of State:** none

**Requirements:** not bind acids

**Avoided Materials:** Acids

## 11) Supply Standards

40 Liter Packs on Pallets (1200 x 800 x 1750mm)

1 Pack = 40 Liter = 18kg

1 Pallet = 36 Packs = 648kg

Container Volume: approx. 33 Pallets = 1188 Packs = 21 to.

## 12) Certificates

Verified and approved by the Federal Republic of Germany (Federal Ministry for the Environment, Nature Conservation and Nuclear Safety, BMU), according to Oil-binding regulations and requirements (Effective Date 04/98).

**Official Institutes:**

- Material Proving Agency, Dortmund, Germany
- MPA Hygiene Institute, Gelsenkirchen, Germany
- SGS Institute Fresenius GmbH, Germany