



Revised on: 26.02.2009

Printed on: 22.03.2010

Trade name: Pall Standard range

Producer/Supplier:
Pall Filtersystems GmbH**1. Identification of the substance/ preparation and of the company**

- 1.1. Trade name:** Pall Depth filters
Collective data sheet for: SEITZ-EKS[®], -EK[®] 1, -EK[®], -KS[®] 50, -KS[®] 80, -K[®] 100, -K[®] 150,
-K[®] 200, -K[®] 250, -K[®] 300, -K[®] 700, -K[®] 800, -K[®] 900
- 1.2. Application of the product:** Product for solid / liquid separation.
- 1.3. Name and address of producer/supplier**
- | | |
|---|--|
| Pall Filtersystems GmbH Planiger Str. 137 55543 Bad Kreuznach/Germany | Telephone (switchboard): +49 671 / 8822-0 Fax: +49 671 / 8822-262 Departments in charge: Quality Assurance: +49 671 / 8822-210 Order Processing & Shipping: +49 671 / 8822-205 |
|---|--|

2. Health hazard risks

In a dry state, due to mechanical influences resp. improper handling: ⇒ dust,
mostly natural diatomaceous earth dust = Xn - harmful
R 48/20 Harmful: danger of serious damage of health by prolonged exposure through
inhalation.
S 22 Do not inhale dust

3. Composition / Details about major components**Chemical characteristics:**

Prefabricated special paperboards (depth filters) on the basis of celluloses, natural diatomaceous earth (CAS-No. 61790-53-2, proportion of crystalline silica < 2% in the form of cristobalite, CAS-No. 14464-46-1, quartz, CAS-No. 14808-60-7), perlite (CAS-No. 93763-70-3) and wet strength agents in foodstuff grade. The product components are not hazardous in the sense of the decree for hazardous substances.

4. First aid measures

No special regulations

5. Fire fighting measuresNo special regulations
Suitable extinguishing agents: water, foam, CO₂**6. Steps to be taken in case of accidental release of material**

Wear dust protection mask P 2; Ventilation Non-polluting to the environment

7. Handling and storage**7.1. Handling**

No safety-relevant regulations Avoid release of dust

7.2. Storage

Store dry and odourless

8. Exposure control / personal protection**8.1. Additional hints regarding technical equipment**

In a dry state avoid formation of dust

8.2. Control parameters with regard to work placeInhalable dust (formerly total dust): < 4 mg/m³
Pulmonary alveolae inhalable dust (formerly fine dust): < 0.15 mg/m³, related to cristobalite and quartz**8.3. Personal protection equipment**Not necessary
In case of proper handling the limit values as per 8.2. above are not reached**9. Physical and chemical properties****9.1. Appearance**State: solid cardboard
Colour: yellowish / white
Odour: odourless; possibly slight paper odour



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| | |
|----------------------------------|-------------------------------------|
| pH-value: | N/A |
| Changes of state: | N/A |
| Flash point and flammability: | N/A |
| Ignition temperature: | > 260 ° C (smouldering temperature) |
| Self-ignition: | N/A |
| Lower and upper explosion limit: | N/A |
| Vapour pressure: | N/A |
| Density: | approx. 0.3 g cm ³ |

10. Stability and reactivity

Stable when properly handled and used
Temperature > 200° - beginning carbonization
Avoid contact with hydrofluoric acid (SiO₂-share)

11. Toxicological information

- 11.1.** In case of improper handling of dry sheets possible health hazards by kieselguhr dust and crystalline SiO₂ during long-term exposure
11.2. Please observe item 3 on page 1
11.3. No further negative effects known

12. Ecological information

No negative effects known Non-hazardous product
The product is insoluble in water

13. Disposal

Pall depth filters as supplied originally may be disposed of or composted with normal house garbage in accordance with official local regulations. This does not refer to the depth filter sheet after its use. Here, the influence of the filtered product has to be taken into consideration. The waste code No. is to be individually fixed with the waste disposal company!

14. Transport**14.1. Transport overland, by inland waterways, sea or air transport**

Non-hazardous product No identification required

14.2. Further specifications

Protect against damages and contamination

15. Regulatory information

15.1. Identification according to EU- directives: not required

Hazard designation: not required

15.2. National regulations

Information regarding employment restrictions: none
Decree of incidents, decree about inflammable liquids VbF and TA-Luft: N/A
Water pollution class: non-water polluting in the sense of the VwVwS (official German regulation) dated 17/05/1999.
Other regulations, restrictions and prohibitive provisions: none

16. Other information

Suitable for use in the filtration of beverages and chemical/pharmaceutical products in accordance with the instructions for use.
The above information refer to the original products and are based on our present state of knowledge. They are no warranty with regard to quality characteristics.