

### 1. Identification of substance/mixture and company/undertaking

#### **Multiseal SOF**

Use: See product information  
Identified use: none  
Mode of action: See product information  
Undertaking: Unipak A/S  
Marktoften 3c  
8464 Galten/Denmark  
Tel.: +45 86 26 11 77  
Fax: +45 86 26 09 59  
Website: [www.unipak.dk](http://www.unipak.dk)  
E-mail: [sales@unipak.dk](mailto:sales@unipak.dk)

Undertaking's emergency  
telephone number: +45 82 12 12 12 (day and night)  
Responsible person: [sales@unipak.dk](mailto:sales@unipak.dk)

### 2. Hazards identification

Physicochemical hazards: See Chapter 10  
Human health hazards: See Chapter 11  
Environmental hazards: See Chapter 12  
Other hazards: none  
Hazard symbols: none  
R-phrases: none

### 3. Composition/Information on ingredients

Comment on components: No dangerous ingredients mentioned in the SVHC List (Candidate List of Substances of Very High Concern for authorisation): Contains none or less than 0.1% of the substances on the list.

### 4. First-aid measures

General advice: Change contaminated clothing.  
On inhalation: Provide fresh air.  
On skin contact: If the substance spills onto the skin, wash immediately with soap and water.  
Seek medical attention in case of persistent skin irritation.  
In case of contact with eyes: If the substance gets into the eyes, flush immediately with plenty of water  
and contact a doctor.  
If swallowed: At discomfort seek medical treatment  
Rinse the mouth and drink plenty of water.  
Do not provoke vomiting  
Advice to medical practitioner: Symptomatic treatment.

### 5. Firefighting measures

Suitable extinguishing agents: The product itself is not flammable. Rules for firefighting should be adapted  
for fires in surrounding areas.  
Unsuitable extinguishants: Full water jet.  
Particular exposure risks  
deriving from actual  
product or combustion  
products: Risk of formation of toxic pyrolysis products.  
Carbon monoxide (CO)

Special protective equipment for firefighting: Do not inhale explosions- and fire gases  
Use supplied air breathing apparatus.

Other information: Exposed containers are cooled off with waterspray  
Fire residues and contaminated extinguishing water must be disposed of in accordance with local authority regulations.

#### 6. Accidental release measures

Person-related precautions: Ensure plentiful ventilation.  
Particular danger of slipping if the product has ran out/is spilled  
Use personal protective equipment.

Environmental protection rules: Prevent spreading of spillages (e.g. by containing spills mechanically or with oil barriers).  
Must not enter drainage system/surface water/ground water.

Methods for cleaning/mopping up: Remove with liquid-binding material (e.g. sand, sawdust, universal binder, diatomite).  
The removed material should be disposed of in accordance with regulations.

#### 7. Handling and storage

Guidelines for safe handling: Use only in well-ventilated areas.

Advice for fire and explosion protection: Keep away from ignition sources. No smoking.

Requirements for storage areas and containers: Incorporate caustic-resistant floors.  
Store only in original containers.

Advice for combined storage: Must not be stored together with oxidants  
Must not be stored together with acids.

Further information on storage conditions: The container must be kept tightly closed.  
The container must be stored in a well-ventilated place.  
Protect against overheating.  
Stored cold.  
Recommended storing temperature: 16-32°C

#### 8. Exposure controls/personal protection

Further advice on design of technical plant: Ensure plentiful ventilation at the workplace

Ingredients with work-hygiene threshold limits: Not applicable

Breathing protection: Breathing protection in case of aerosol or mist formation.  
Short-term filter mask, filter A-P2.

Hand protection: These indications are recommendations. For further information please contact glove supplier.  
For full contact:  
Butyl rubber, >480 min (EN 374).  
Nitril, >480 min (EN374)

|   |  |
|---|--|
|   | Polychloroprene, >480 min (EN 374).<br>For splash contact:<br>Butyl rubber, >120 min (EN 374).<br>Nitril, >120 min (EN 374)<br>Polychloroprene, >120 min (EN 374).   |
| Eye protection:                                     | Safety glasses.  |
| Body protection:                                    | not applicable   |
| General protective measures:                        | Avoid contact with eyes and skin.<br>Avoid inhalation of vapours.<br>Protective overalls must be selected specifically for the workplace, depending on the concentration and amount of toxic substances to be handled. Information on the overall's resistance to chemicals must be obtained from the individual supplier. |
| Hygiene precautions:                                | Wash hands before breaks and after work.<br>Do not eat, drink, smoke or consume snuff during work.<br>Use skin cream for preventive effect.  |
| Limitation and monitoring of environmental impacts: | Not determined   |

#### 9. Physical and chemical properties:

|   |                |
|---|----------------|
| Form:   | liquid         |
| Colour:   | green          |
| Odour:  | weak           |
| pH value:   | not determined |
| pH value [1%]:                                      | not determined |
| Boiling point [°C]:                                 | app. 107       |
| Flash point [°C]:                                   | > 110          |
| Flammability [°C]:                                  | not determined |
| Lower explosive limit:                              | 2,6 Vol. %     |
| Upper explosive limit:                              | 12,6 Vol. %    |
| Fire intensifying properties:                       | no             |
| Vapour pressure [kPa]:                              | not determined |
| Mass density [g/ml]:                                | 1.065 (20°C)   |
| Specific weight [kg/m <sup>3</sup> ]:               | not applicable |
| Solubility in water:                                | mixable        |
| n-Octanol/water distribution coefficient [log Pow]: | not determined |
| Viscosity:  | not determined |
| Vapour density compared to air:                     | not determined |
| Evaporation rate:                                   | not determined |
| Melting point [°C]:                                 | not determined |
| Autoignition [°C]:                                  | not determined |
| Decomposition point [°C]:                           | not determined |

### 10. Stability and reactivity

Hazardous reactions:            Reacts with reducing agents  
   Reacts with oxidants  
   Reacts with acids.

Hazardous decomposition products:            No known hazardous breakdown products.

### 11. Toxicological information

Acute oral toxicity:            LD50: >10400 mg/kg (CAS 57-55-6) Rat  
Acute dermal toxicity:        not determined  
Acute inhalation toxicity:    not determined  
Eye irritation:                not irritant  
Skin irritation:                not irritant  
Sensitisation:                not sensitizing  
Subacute toxicity:            not determined  
Chronic toxicity:             not determined  
Mutagenicity:                not determined  
Reproductive toxicity:        not determined  
Carcinogenicity: not determined  
Practical experience:        Can cause allergic reaction  
   Irritates eyes and skin

General comments:            Classification made by the calculation method of the preparation directive

### 12. Ecological information

Toxicity to fish: LC50(48h):    1400 mg/l (Leuciscus idus)  
Toxicity to daphnia:        not determined  
Behaviour in environment:    not determined  
Behaviour in sewage works:    not determined  
Toxicity to bacteria:        not determined  
Biological degradability:    the product is biological degradable  
COD:                        not determined  
BOD 5:                      not determined  
AOX advice:                not applicable  
2006/11/EC:                not applicable  
General advice:              Classification made by the calculation method of the preparation directive.  
   Do not allow the product uncontrolled into the environment and the drainage

### 13. Disposal considerations

Product:                        Disposal as hazardous waste  
   Ask the producer for possible reuse

Uncleaned packaging:        Contaminated packaging must be emptied and cleaned to be reused.  
   Packaging which cannot be cleaned is regarded as waste and disposed of  
   as for contents.

European Waste Catalogue (recommended):    070799\*

Safety data sheet 1907/2006/EC – REACH (DK)

Multiseal SOF

Unipak A/S

8464 Galten

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Page 5/5

#### 14. Transport information

ADR classification: NOT CLASSIFIED AS "DANGEROUS GOODS"  
IMDR classification: NOT CLASSIFIED AS "DANGEROUS GOODS"  
IATA classification: NOT CLASSIFIED AS "DANGEROUS GOODS"

#### 15. Regulatory information

Exposure scenario: not determined  
Chemical safety assessment: not determined  
Labelling: Product not liable for labelling under EU guidelines  
Hazard symbols: None  
Component: None  
R-phrases: None  
S-phrases: None  
Special labelling: not applicable  
EEC REGULATIONS: 1967/548 (2008/58, 30. ATP/31. ATP); 1991/689 (2001/118); 1999/13; 2004/42;  
648/2004; 1907/2006 (Reach); 1272/2008; 75/324/EEC (2008/47/EC)  
TRANSPORT REGULATIONS: ADR (2009); IMDG Code (34th Amdt.); IATA-DGR (2010).  
NATIONAL REGULATIONS (DK):  
Approval, SECTION VII: not applicable  
Restrictions, SECTION VIII: not applicable  
- Code number (1993/2001): not determined

#### 16. Other information

Maintain employment  
restrictions for persons: not applicable  
VOC (1991/13/EC): not determined

All the above information is based on our current knowledge but does not constitute a guarantee of product properties and does not create any contractual relationship.