

1. Identification of substance/mixture and company/undertaking

Multiseal SOR

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
E-mail: sales@unipak.dk

Undertaking's emergency
telephone number: +45 82 12 12 12 (day and night)
Responsible person: Schroeder@chemiebuero.de

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: Medical treatment necessary. Rinse the mouth and drink plenty of water. Do not provoke vomiting
Advice to medical practitioner: Symptomatic treatment.

5. Firefighting measures

Suitable extinguishing agents: Alcohol resistant foam
Carbonic acid
Extinguishing powder
Water spray
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

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.
Take precautions against static electricity

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

Further information on storage conditions:

The container must be kept tightly closed.
The container must be stored in a well-ventilated place.
Protect against air/oxygen access
Protect against overheating/sunlight.
Stored cold. Stored dry.
Protect against frost.
Recommended storing temperature: <40°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.

Hand protection:

These indications are recommendations. For further information please contact glove supplier.

	For full contact: Butyl rubber, >480 min (EN 374). For splash contact: Butyl rubber, >120 min (EN 374).
Eye protection:	Safety glasses.
Body protection:	solvent resistant protective clothing
General protective measures:	Avoid contact with eyes and skin. Avoid inhalation of vapours. 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. Do not eat, drink, smoke or consume snuff during work. Use skin cream for preventive effect.
Limitation and monitoring of environmental impacts:	Not determined

9. Physical and chemical properties:

Form:	liquid
Colour:	yellow
Odour:	odour-less
pH value:	not determined
pH value [1%]:	not determined
Boiling point [°C]:	not determined
Flash point [°C]:	app. 125 (SIN 51758)
Flammability [°C]:	not determined
Lower explosive limit:	not determined
Upper explosive limit:	not determined
Fire intensifying properties:	no
Vapour pressure [kPa]:	not determined
Mass density [g/ml]:	0,01 (20°C)
Specific weight [kg/m³]:	app. 1,05 (20°C) (DIM 51757)
Solubility in water:	mixable
n-Octanol/water distribution coefficient [log Pow]:	not determined
Viscosity:	app. 7 mm ² /s (20°C)
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 oxidants Reacts with oxygen. The product is hygroscopic
Hazardous decomposition products:	No known hazardous breakdown products.

11. Toxicological information

Acute oral toxicity:	LD50: >4000 mg/kg Rat
Acute dermal toxicity:	LD50: >2000 mg/kg Rabbit
Acute inhalation toxicity:	not determined
Eye irritation:	light irritant – do not require labeling
Skin irritation:	not irritant
Sensitisation:	not sensitizing
Subacute toxicity:	not determined
Chronic toxicity:	not determined
Mutagenicity:	Ames-test negative
Reproductive toxicity:	not determined
Carcinogenicity:	not determined
Practical experience:	none
General comments:	Classification made by the calculation method of the preparation directive

12. Ecological information

Toxicity to fish:	Branchydanio rerio > 5000 mg/l (96h)(OECD 203)
Toxicity to daphnia:	EC50 (48h): > 10000 mg/l (Daphnia magna)
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 determined
2006/11/EC:	not determined
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:	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)

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Unipak A/S

8464 Galten

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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.

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