

Material Safety Data Sheet
Bladder Coating Agent 8249

1、 Identification of the substance/preparation and of the company/undertaking

Commercial Product Name

Bladder Coating Agent 8249

Use of the Substance/Preparation

Release agent

Producer

Emergency telephone

2、 Hazards identification

Classification

Not a hazardous substance or preparation according to EC or EEC

3、 Composition/information on ingredients

Chemical characterization

Special active polysiloxane synthetic resin emulsion.

Components information

Component	CAS NO:	% (w/w)
Polysiloxane	9006-65-9	3~4
Silicone resin emulsion	67763-03-5	25~30
Ethoxylated fatty alcohol	68131-39-5	< 1
Triethanol amine	102-71-6	<0.5
Hydroxypropyl cellulosef	9004-64-2	0.5~1
Water	7732-18-5	63.5~71.5

4、 First aid measures

General advice

Take off contaminated clothing and shoes immediately.

Inhalation

Remove to fresh air. If symptoms persist, call a physician.

Skin contact

Wash off immediately with soap and plenty of water. If symptoms persist, call a physician.

Eye contact

Rinse immediately with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.

Ingestion

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Clean mouth with water and drink afterwards plenty of water. Do NOT induce vomiting. Consult a physician.

5、 Fire-fighting measures

Suitable extinguishing media

All extinguishing materials are suitable.

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

In the event of fire be aware of formation of noxious fumes.

Special protective equipment for fire-fighters

In the event of fire, wear self-contained breathing apparatus.

Additional advice

Do not allow run-off from fire fighting to enter drains or water courses. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6、 Accidental release measures

Personal precautions

Ensure adequate ventilation. Use personal protective equipment.

Environmental precautions

Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.

Methods for cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

7、 Handling and storage

Handling

Advice on safe handling

For personal protection see section 8.

Advice on protection against fire and explosion

Provide sufficient air exchange and/or exhaust in work rooms. No special protective measures against fire and explosion required.

Storage

Requirements for storage areas and containers

Keep containers tightly closed in a cool, well ventilated place. Avoid freeze, heat and sunlight straight drying.

Advice on common storage

Keep away from food, drink and animal feedingstuffs.

Additional advice

No decomposition if stored and applied as directed.

8、 Exposure controls/personal protection

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Exposure limit values

Component	CAS NO:	Contact limit
Polysiloxane	9006-65-9	-----
Silicone resin	67763-03-5	-----
Ethoxylated fatty alcohol	68131-39-5	-----
Triethanol amine	102-71-6	-----
Hydroxypropyl cellulosef	9004-64-2	-----
Water	7732-18-5	-----

limitation and supervision of the exposition

see chapter 7

limitation and supervision of the exposition at working place

Respiratory protection

Dust-protection mask if there is a risk of dust formation.

Hand protection

Wear suitable protective gloves (e.g. rubber gloves). Avoid skin contact with the wetted surfaces of the protective gloves. In the event of contamination, change protective gloves immediately.

Eye protection

Tightly fitting safety goggles

Skin and body protection

Protective suit

Hygiene measures

When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday. Keep working clothes separately.

Protective measures

Avoid contact with the skin and the eyes. Do not breathe dust. When handling observe the usual precautionary measures for chemicals.

Environmental precautions

see chapter 6

9、 Physical and chemical properties

General Information

<i>Form</i>	<i>liquid</i>
<i>Colour</i>	<i>white</i>
<i>Odour</i>	<i>odourless</i>
<i>Density</i>	<i>(1.0±0.1) g / cm³ (20 °C)</i>
<i>Water solubility</i>	<i>miscible</i>

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Solid content 10.0~15.0
PH: 4.0~ 8.0

Safety data

Flash point not applicable
Ignition temperature not applicable
Explosion limit not applicable

10. Stability and reactivity

FN -8322C will hydrolyzed slowly, especially under the catalysis of acid, alkali and metal ions. Thus it should be avoid to contract with these material.

11. Toxicological information

Toxicological tests

Acute oral toxicity no information
Skin irritation no irritation
Eye irritation no irritation
Additional advice evaluated from the components

12. Ecological information

Additional ecological information

No information on ecology is available.

Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.

13. Disposal considerations

Waste from residues

The relevant EC Directives and local, regional and national regulations must be complied with. It is among the tasks of the polluter to assign the waste to waste codes specific to industrial sectors and processes according to the European Waste Catalogue. It is recommended that details be sorted out with the waste disposer responsible.

Method of disposal

If utilisation or recycling of the product is not possible, it should be disposed of according to the local regulations and laws, e.g. by incineration in a suitable plant. Sludges forming in the dipping baths should be allowed to sedimentate and have to be separated for disposal, preferably in a suitable incinerator provided local regulations are observed.

Contaminated packaging

Empty containers should be taken for local recycling or waste disposal.

14. Transport information

Other information

Not dangerous cargo. Keep separated from foodstuffs.

15. Regulatory information

Labelling according to EC Directives

Not a hazardous substance or preparation according to EC or EEC.

16. Other information

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.