

DENIOS AG
32549 Bad Oeynhausen

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SECTION 1: Identification of the substance / preparation and of the company

1.1 Product identifier

DENSORB Economy Bindevlies Rollen und Matten

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Relevant uses

See product designation

1.2.2 Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet

Company

DENIOS AG

Dehmer Straße 58-66
32549 Bad Oeynhausen / GERMANY
Phone +49(0)5731 753-0
Fax +49(0)5731 753-199
Homepage www.denios.de
E-mail info@denios.de

Address enquiries to

Technical information

info@denios.de

Safety Data Sheet

sdb@chemiebuero.de

1.4 Emergency phone

Advisory body

+49 (0) 6131-19240 (24h)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP]

not applicable

2.1.2 Classification according to Regulation 67/548/EEC or 1999/45/EC

Hazard symbols

none

R-phrases

none

The product does not require a hazard warning label in accordance with EC-directives.
This product is an article and therefore it does not require labelling according to EC directives/GefStoffV.

2.2 Label elements

Labelling according to Regulation 67/548/EEC or 1999/45/EC

Hazard symbols

none

R-phrases

none

2.3 Other hazards

Other hazards

No particular hazards known.

SECTION 3: Composition / Information on ingredients

3.1 Product-type:

The product in question is a Article.

Range [%]	Substance
> 90	Polypropylene
	CAS: 9003-07-0
	GHS/CLP:

Comment on component parts

No dangerous components.

Substances of Very High Concern - SVHC: substances are not contained or are below 0,1%.

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SECTION 4: First aid measures

4.1 Description of first aid measures

General information	No special measures necessary.
Inhalation	No special measures necessary.
Skin contact	In case of contact with skin wash off immediately with plenty of water.
Eye contact	not applicable
Ingestion	not applicable

4.2 Most important symptoms and effects, both acute and delayed

No informations available.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media	Foam, dry powder, water spray jet, carbon dioxide.
Extinguishing media that must not be used	Full water jet.

5.2 Special hazards arising from the substance or mixture

Unknown risk of formation of toxic pyrolysis products.

5.3 Advice for firefighters

Do not inhale explosion and/or combustion gases.
Use self-contained breathing apparatus.
Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.
Cool containers at risk with water spray jet.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

No special measures necessary.

6.2 Environmental precautions

No special measures necessary.

6.3 Methods and material for containment and cleaning up

Take up mechanically.
Dispose of absorbed material in accordance within the regulations.

6.4 Reference to other sections

See section 8+13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

No special measures necessary if used correctly.

7.2 Conditions for safe storage, including any incompatibilities

No special measures necessary.
No special measures necessary.
No special measures necessary.

7.3 Specific end use(s)

See product use, section 1.2

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SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Ingredients with occupational exposure limits to be monitored (GB)

not applicable

8.2 Exposure controls

Additional advice on system design No special measures necessary.

Eye protection No special measures necessary.

Hand protection The details concerned are recommendations. Please contact the glove supplier for further information.
In full contact
butyl rubber, > 120 min (EN 374)

Skin protection No special measures necessary.

Other Avoid contact with eyes and skin.
Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of these equipments to chemicals should be ascertained with the respective supplier.

Wash hands before breaks and after work.

Respiratory protection not applicable

Thermal hazards No informations available.

Delimitation and monitoring of the environmental exposition No informations available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form solid in different forms

Color grey

Odor odourless

Odour threshold not determined

pH-value not applicable

pH-value [1%] not applicable

Boiling point [°C] not applicable

Flash point [°C] not applicable

Flammability [°C] Not highly flammable.

Lower explosion limit not applicable

Upper explosion limit not applicable

Oxidizing properties no

Vapour pressure/gas pressure [kPa] not applicable

Density [g/ml] not determined

Bulk density [kg/m³] not determined

Solubility in water insoluble

Partition coefficient [n-octanol/water] not determined

Viscosity not applicable

Relative vapour density determined in air not applicable

Evaporation speed not applicable

Melting point [°C] >160

Autoignition temperature [°C] 438 (pp)

Decomposition temperature > 300

9.2 Other information

none

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SECTION 10: Stability and reactivity

10.1 Reactivity

See section 10.3.

10.2 Chemical stability

Stable under normal ambient conditions (ambient temperature).

10.3 Possibility of hazardous reactions

Reactions with strong acids.

10.4 Conditions to avoid

Strong heating.

10.5 Incompatible materials

No informations available.

10.6 Hazardous decomposition products

In the case of heating following (decomposition) products may occur:
Toxic gases/vapours.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Serious eye damage/irritation	not determined
Skin corrosion/irritation	not determined
Respiratory or skin sensitisation	not determined
Specific target organ toxicity — single exposure	not determined
Specific target organ toxicity — repeated exposure	not determined
Mutagenicity	not determined
Reproduction toxicity	not determined
Carcinogenicity	not determined
General remarks	

Toxicological data of complete product are not available.
No classification on the basis of the calculation procedure of the preparation directive.

SECTION 12: Ecological information

12.1 Toxicity

12.2 Persistence and degradability

Behaviour in environment compartments	not applicable
Behaviour in sewage plant	not applicable
Biological degradability	The product is slightly soluble in water. It can be largely eliminated from the water by abiotic processes, e.g. mechanical separation.

12.3 Bioaccumulative potential

not applicable

12.4 Mobility in soil

No informations available.

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12.5 Results of PBT and vPvB assessment

Based on all available information not to be classified as PBT or vPvB respectively.

12.6 Other adverse effects

The product is insoluble in water.
Can be separated out mechanically in purification plants.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

Product

Coordinate disposal with the authorities if necessary.

Waste no. (recommended) 061399

Contaminated packaging

Uncontaminated packaging may be taken for recycling.
Packaging that cannot be cleaned should be disposed of as for product.

Waste no. (recommended) 150101
150102

SECTION 14: Transport information

14.1 UN number

See section 14.2 in accordance with UN shipping name

14.2 UN proper shipping name

Transport by land according to ADR/RID NO DANGEROUS GOODS

Inland navigation (ADN) NO DANGEROUS GOODS

Marine transport in accordance with IMDG NOT CLASSIFIED AS "DANGEROUS GOODS"

Air transport in accordance with IATA NOT CLASSIFIED AS "DANGEROUS GOODS"

14.3 Transport hazard class(es)

See section 14.2 in accordance with UN shipping name

14.4 Packing group

See section 14.2 in accordance with UN shipping name

14.5 Environmental hazards

See section 14.2 in accordance with UN shipping name

14.6 Special precautions for user

Relevant information under section 6 to 8.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

not applicable

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SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EEC-REGULATIONS	1967/548 (1999/45); 1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006 (Reach); 1272/2008; 75/324/EEC (2008/47/EC); 453/2010/EC
TRANSPORT-REGULATIONS	DOT-Classification, ADR (2011); IMDG-Code (2011, 35. Amdt.); IATA-DGR (2012).
NATIONAL REGULATIONS (GB):	EH40/2005 Workplace exposure limits with amendments October 2007. CHIP 3/ CHIP 4

15.2 Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other informations

16.1 Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route
RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses
ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
CAS = Chemical Abstracts Service
CLP = Classification, Labelling and Packaging
DMEL = Derived Minimum Effect Level
DNEL = Derived No Effect Level
EC50 = Median effective concentration
ECB = European Chemicals Bureau
EEC = European Economic Community
EINECS = European Inventory of Existing Commercial Chemical Substances
ELINCS = European List of Notified Chemical Substances
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IC50 = Inhibition concentration, 50%
IMDG = International Maritime Code for Dangerous Goods
IUCLID = International Uniform Chemical Information Database
LC50 = Lethal concentration, 50%
LD50 = Median lethal dose
MARPOL = International Convention for the Prevention of Marine Pollution from Ships
PBT = Persistent, Bioaccumulative and Toxic substance
PNEC = Predicted No-Effect Concentration
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
TLV@/TWA = Threshold limit value – time-weighted average
TLV@STEL = Threshold limit value – short-time exposure limit
VOC = Volatile Organic Compounds
vPvB = very Persistent and very Bioaccumulative

16.2 Other informations

Observe employment restrictions for people	not applicable
VOC (1999/13/CE)	not applicable
Customs Tariff	not determined
Modified position	none

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