



Safety Data Sheet (91/155/EEC)

Material: Produktgruppe Vacupor®

Version: 12.0 (REG_EUROPE)

Date of last alteration: 20.09.2012

1 Identification of the substance/preparation and company

1.1 Name of substance/preparation

Commercial product name:

- Vacupor® NT
- Vacupor® NT-B2
- Vacupor® NT-B2-S
- Vacupor® RP
- Vacupor® RP-B2
- Vacupor® RP-B2-S
- Vacupor® PS
- Vacupor® PS-B2
- Vacupor® PS-B2-S
- Vacupor® XPS
- Vacupor® XPS-B2
- Vacupor® XPS-B2-S
- Vacupor® TS
- Vacupor® TS-B2
- Vacupor® TS-B2-S
- Vacupor® FP
- Vacupor® Insert NT
- Vacupor® Insert FP
- Vacupor® MS
- Vacuspeed®

1.2 Use of substance / preparation: Industrial.
thermal insulation .

1.3 Company name

Manufacturer/distributor: Porextherm Dämmstoff GmbH
Street/POB-No.: Heisinger Str. 8/10
State/postal code/city: D - 87437 Kempten
Telephone: +49-(0)831-575360
Telefax: +49-(0)831-575363

	Telefax	Telephone
Information about the Safety Data Sheet:	+49-(0)831-575363	+49-(0)831-575360

2 Composition/information on ingredients

2.1 Chemical characterization (preparation):

Chemical characteristics
Mixture of SiO₂ (amorphous), silicon carbide and burnt-out fabrics

3 Hazards identification

3.1 Classification:

R-Phrase	Description
R-	-



Safety Data Sheet (91/155/EEC)

Material: Produktgruppe Vacupor®

Version: 12.0 (REG_EUROPE)

Date of last alteration: 20.09.2012

4 First-aid measures

4.1 General information:

-

4.2 After inhalation:

Provide fresh air.

4.3 After contact with the skin:

Wash with plenty of water or water and soap.

4.4 After contact with the eyes:

Rinse immediately with plenty of water. Seek medical advice in case of continuous irritation.

4.5 After swallowing:

No special measures required.

5 Fire-fighting measures

5.0 General information:

Product does not burn. Use extinguishing measures appropriate to the source of the fire. Fire protection class: A1 . Product may have synthetic packaging/cover. Only this packaging/cover is combustible.

5.1 Suitable extinguishing media:

not applicable

5.2 Extinguishing media which must not be used for safety reasons:

According to our present state of knowledge: none known .

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

-

5.4 Special protective equipment for fire fighting:

Use respiratory protection independent of recirculated air.

6 Accidental release measures

6.1 Personal precautions:

Wear personal protection equipment (see section 8). Avoid dust formation.

6.2 Environmental precautions:

No special measures required.

6.3 Methods for cleaning up:

Take up mechanically and dispose of according to local/state/federal regulations.

7 Handling and storage

7.1 Handling

Precautions for safe handling:

Avoid dust formation. In case of dust formation: Must be syphoned off in situ.

Precautions against fire and explosion:

No special precautions against fire and explosion required.

7.2 Storage

Conditions for storage rooms and vessels:

Store in a dry and sheltered place.

Advice for storage of incompatible materials:

No restriction.



Safety Data Sheet (91/155/EEC)

Material: Produktgruppe Vacupor®

Version: 12.0 (REG_EUROPE)

Date of last alteration: 20.09.2012

Further information for storage:

The product is hygroscopic. Protect against condensats/liquids.

8 Exposure controls and personal protection equipment

8.1 Exposure limits

Maximum airborne concentrations at the workplace

CAS No.	Material	Type	mg/m ³	ppm	Dust fract.	Fibre/m ³
---------	----------	------	-------------------	-----	-------------	----------------------

8.2 Exposure limited and controlled

8.2.1 Exposure in the work place limited and controlled

General protection and hygiene measures:

Do not breathe dust. Application of skin cream recommended to ensure optimum protection of skin.

Personal protection equipment

Respiratory protection:

In case of dust formation: fine dust mask P2 .

Hand protection:

Recommendation in case of long or strong exposure: Protective gloves, rubber or PVC .

Eye protection:

Recommendation in case of long or strong exposure: tight fitting protective goggles .

Skin protection:

not required

8.2.2 Exposure to the environment limited and controlled:

Prevent material from introduction into surface water and into soil.

9 Physical and chemical properties

9.1 General information

Physical state / form.....: solid - compact
 Colour.....: grey
 Odour.....: neutral

9.2 Important information about the protection of health, safety and the environment

Method
(67/548/EEC):

Melting point / melting range.....: > 1200 °C
 Boiling point / boiling range.....: not applicable
 Flash point.....: not applicable
 Autoignition temperature.....: not applicable
 Lower explosion limit (LEL).....: not applicable
 Upper explosion limit (UEL).....: not applicable
 Vapour pressure.....: not applicable
 Density.....: 0,14 - 0,21 g/cm³
 Water solubility / miscibility.....: virtually insoluble
 pH-Value.....: 4,2 - 4,3 at 20 °C (40 g/l H₂O)
 Viscosity (dynamic).....: not applicable

10 Stability and reactivity

10.0 General information:

If stored and handled in accordance with standard industrial practices no hazardous reactions are known.



Safety Data Sheet (91/155/EEC)

Material: Produktgruppe Vacupor®

Version: 12.0 (REG_EUROPE)

Date of last alteration: 20.09.2012

10.1 Conditions to avoid:

none known

10.2 Materials to avoid:

none known

10.3 Hazardous decomposition products:

Formation of crystalline silicic acid (cristoballite) possible in prolonged use > 900 °C (1652 °F). Our investigations of thermally stressed samples have not shown any cristoballite.

11 Toxicological information

11.0 General information:

Product not investigated. According to our present state of knowledge no damaging effect expected when treated in accordance with standard industrial practices and local regulations where applicable.

11.1 Toxicological tests

Further information:

-

11.3 Further toxicological information:

In case of dust formation: May cause irritation of eyes and respiratory system.

12 Ecological information

12.1 Ecotoxicity

No expected damaging effects to water organisms.

Effects in sewage treatment plants (bacteria toxicity: respiration-/reproduction inhibition):

According to current knowledge adverse effects on water purification plants are not expected.

12.2 Mobility

Insoluble in water.

12.3 Persistence and degradability

Further information:

Insoluble in water. Separation by sedimentation.

12.4 Bio-accumulation potential

Further information:

No harmful effects expected.

12.5 Other harmful effects

-

12.6 Further ecological information

General information:

According to recent knowledge no hazardous influence to environment.

13 Disposal considerations

13.1 Material

Recommendation:

Can be stored with domestic waste. Observe local/state/federal regulations.



Safety Data Sheet (91/155/EEC)

Material: Produktgruppe Vacupor®

Version: 12.0 (REG_EUROPE)

Date of last alteration: 20.09.2012

13.2 Uncleaned packaging

Recommendation:

Containers may be recycled or re-used. Observe local/state/federal regulations.

Recommended cleaning agent:

water

14 Transport information

14.1 Land transport GGVSE/ADR and RID

Road ADR:

Valuation.....: Not regulated for transport

Railway RID:

Valuation.....: Not regulated for transport

14.2 Inland navigation GGVbinsch/ADNR

14.3 Transport by sea GGVSee/IMDG-Code

Valuation.....: Not regulated for transport

Marine Pollutant.....: no

14.4 Air transport ICAO-TI/IATA-DGR

Valuation.....: Not regulated for transport

14.5 Transport/further information

Postal and courier service:

German postal dispatch.....: permitted

15 Regulatory information

15.1 Warning Label (EU)

R-Phrase	Description
R-	-

S-Phrase	Description
S-	-

15.2 National regulations:

16 Other information

16.1 Material

The above information describes exclusively the safety requirements of the product(s) and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product(s) described in terms of the legal warranty regulations. Properties of the product are to be found in the respective product leaflet.

16.2 Further information:

Commas appearing in numerical data denote a decimal point. Vertical lines in the left-hand margin indicate changes compared with the previous version.

n.a. = not applicable n.s. = not subject to



Safety Data Sheet (91/155/EEC)

Material: Produktgruppe Vacupor®

Version: 12.0 (REG_EUROPE)

Date of last alteration: 20.09.2012

Details of international registration status

Listed on the following inventories:

| IECSC
TSCA
PICCS
ENCS
ECL
DSL
AICS
EINECS