

BASF Safety data sheet according to 91/55/EWG
Date/Revised: 06.06.2005
Product: **Palusol**[®]
(30043598/SDS_GEN_DE/DE)

Page: 1/3
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1. Substance/preparation and company identification

Palusol[®]

Use: Intumescent plates for use as fire protection in the building industry

Company:

BASF Aktiengesellschaft
GBU Speciality Polymers & Speciality Foams
67056 Ludwigshafen, Germany
Telephone: +49 621 60-20201
Telefax number: +49 621 66-20201
E-Mail: rainer.neumann@basf-ag.de

Emergency information:

Fire brigade BASF Ludwigshafen
Telephone: +49 621 60-43333
Telefax number: +49 621 60-92664

2. Composition/information on ingredients

Chemical nature

Contains: Silicic acid, sodium salt

3. Hazard identification

No specific dangers known, if the regulations/notes for storage and handling are considered.

4. First-aid measures

General advice:

The first aid measures are valid exclusively apply to the contact with the developing dusts.

On skin contact:

Wash thoroughly with soap and water.

On contact with eyes:

Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

On ingestion:

Rinse mouth immediately and then drink plenty of water, seek medical attention.

5. Fire-fighting measures

Suitable extinguishing media:
usual extinguishing media

6. Accidental release measures

Methods for cleaning up or taking up:
For small amounts: Sweep/shovel up.
For large amounts: Sweep/shovel up.

7. Handling and storage

Handling

Avoid dust formation. Provide suitable exhaust ventilation at the processing machines.

Storage

Further information on storage conditions: Protect against moisture. Keep only in the original container.

8. Exposure controls and personal protection

Personal protective equipment

Respiratory protection:
Breathing protection if dusts are formed.

Hand protection:
Gloves of thick material

Eye protection:
safety glasses

9. Physical and chemical properties

Form:	solid sheets
Colour:	white
Odour:	odourless
pH value:	11,4 (20°C)
decomposition point:	>100°C The substance/product decomposes.

Information on: water

Solubility in water: 195 g/l
(20°C)

10. Stability and reactivity

Substances to avoid:
strong acids

Hazardous reactions:
Strong exothermic reaction with acids.

Hazardous decomposition products:
No hazardous decomposition products known.

11. Toxicological information

Additional information:

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

12. Ecological information

Additional information

Add. remarks environm. fate & pathway:

Due to the consistency of the product, dispersion into the environment is impossible. Therefore no negative effects on the environment may be anticipated based on the present state of knowledge.

13. Disposal considerations

May be disposed of or combusted with domestic refuse according to local regulations.

Contaminated packaging:
Packs must be completely emptied.

Completely empty packaging may be treated as household waste.

14. Transport information

Not classified as hazardous under transport regulations (ADR RID ADNR IMDG/GGVSee ICAO/IATA)

15. Regulatory information

Regulations of the European union (Labelling)/National legislation/Regulations

EEC Directives:

The product does not require a hazard warning label in accordance with EC Directives.

Other regulations

16. Other information

Recommended use: for industrial use only

In addition to the information given in the safety data sheet we refer to the product specific "Technical Information".

Vertical lines in the left hand margin indicate an amendment from the previous version.

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.