

Trade Name: PROSTONE 2000

1 Description of Materials / Preparation and of the Company

1.1 Product details
Trade name: *ProStone* 2000

1.2 Manufacturer

1.2.1 Adress
Jüngst GmbH
PROSTONE Refinement
Gerichtstr. 6
D - 48565 Steinfurt
Tel. 02551-81548
Fax. 02551-81549

2 Composition / Details of Constituents

Chemical characteristics
Silan / Siloxan Emulsion

3 Possible Hazards

3.1 Special safety instructions for humans and the environment :
On the basis of the data available to us the product is not a hazardous substance or a hazardous preparation within the meaning of the legislation governing chemicals or the ordinance governing hazardous substances. However, the instructions contained in this safety data sheet are to be observed.

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4 First Aid Measures

- 4.1 General instructions:
See specific explanations
- 4.2 After inhalation:
Bring the affected person out into the fresh air.
- 4.3 After skin contact:
Wash off using soap and water.
- 4.4 After eye contact:
Keeping the eye-lids firmly open, immediately rinse thoroughly, using lots of water.
- 4.5 After swallowing:
Refer to a doctor, hand over this data sheet.
- 4.6 Instructions for the doctor:
None

5 Fire - Fighting Measures

- 5.1 Suitable extinguishing materials
Foam, CO2, powder, jet-sprayed water.
- 5.2 Extinguishing materials which are unsuitable on safety grounds:

- 5.3 Particular hazards posed by the substance, its products of combustions or resulting gases:
Formation of carbon monoxide, carbon dioxide and silicon dioxide.
- 5.4 Special protective clothing for fire - fighting:
Do not inhale gases caused by combustion.

6 Measures to combat accidental discharge:

- 6.1 Personnel - related precautionary measures:
Keep any ignition sources well away
Make use of personal protective clothing.
- 6.2 Measures for environmental protection:
Do not allow the substance to enter into drainage systems.
- 6.3 Cleaning / absorption procedures:
Absorb any spillage using absorbent materials and then dispose of waste in the statutory manner.
- 6.4 Additional instructions:
None

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7 Handling and Storage

7.1 Handling

7.1.1 Instructions on safe retention:

Keep the container closed.

7.1.2 Instructions on protection against fire and explosion:

Keep well away from ignition sources. Do not smoke.

The formation of combustible vapour / air mixtures is possible.

Cool off any container in danger of catching fire with a water jet.

7.2 Storage

7.2.1 Storage area and container requirements:

The regulations quoted in the following are to be observed.

Classification as per VBF:

VBF is not applicable in this case

Water contamination class:

WGK 1 (WGK = water contaminant classification

7.2.2 Instructions on storing the chemicals together:

None

7.2.3 Further details on storage conditions:

If the period of storage exceeds six months the possibility of ethanol formation due to hydrolysis must be taken into account.

7.2.4 Storage class:

Storage class as per VCI-concept: 10

8 Exposition Limitation and personal protective Clothing

8.1 Additional instructions on setting up technical equipment:

See details given in Point 7.2

8.2 Constituents having workplace-related limit values which are to be monitored:

None

8.3 Personnel protective clothing

8.3.1 General measures for protection and hygiene :

Wash hands before breaks and after work

8.3.2 Breathing protection:

When developing vapours / aerosols:

Use breathing apparatus with filter type „A“.

8.3.3 Gloves made from PVC to protect hands

8.3.4 Eye protection:

Protective spectacles

8.3.5 Body protection

not required

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9 Physical and Chemical Properties**9.1 Characteristic**

Form: liquid
 Colour: white
 Odour: typical for the product

9.2 Safety - relevant data

Method / remarks.

Changes in state

Melting point NA

Boiling point 100,0 `C

Flash point > 100 `C

DIN 51758

Ignition temperature ND

Explosion limits ND

Vapour pressure (`C) ND

Density (25`C) CA 1,000 G/CM3

Solubility

Water (`C) miscible

PH-value

In original state (25`C) CA 6,0

Viscosity (25`C) < 50MPA S

Solvent content ND

Evaporation figure (Ether=1) ND

Rel. Gas / vapour pressure. (air=1) ND

9.3 Further details:

None

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10 Stability and Reactivity

10.1 Conditions to be avoided:
None

10.2 Materials to be avoided:
If handling and storage are carried out as stipulated.

10.3 Hazardous by-products:
After the product has been standing for long periods Ethanol may form through hydrolyse.

10.4 Further details :
None

11 Details on Toxicity

Up until this point in time the product has no known damaging effects if used as stipulated.

12 Ecological Details

The product is considered to be a weak water contaminant (WGK 1: self-classification in accordance with the VCI-concept for self-classification of substances / preparations into WGKs). It must not find its way into soil, water table or drainage systems.

13 Instructions on Waste Disposal

13.1 Product
Is to be incinerated in a suitable, authorized container in observance of all local statutory regulations.

13.2 Contaminated packaging
If contaminated empty drums are passed on for re-cycling or disposal, then the company removing them must be informed of a possible hazard.

14 Transportation Details

14.1 Transport overland ADR/RID und GGVS/GGVE

	ADR/RID	GGVE/GGVS
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14.1.1 Class: - -

14.1.2 Digit / Letter - -

14.1.3 Warning notice Hazard Nr.: - Substance-Nr.: -

14.1.4 Goods designation:

14.1.5 Remarks
None

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14.2 Transportation on inland waterways ADNR

14.2.1 Class:

14.2.2 Digit: Category:

14.2.3 Goods designation

14.2.4 Remarks:

None

14.3 Transportation by sea IMDG/GGVSEE

14.3.1 Class:

14.3.2 UN/ID-Nr.: Page: - Packaging group:

14.3.3 EMS-Nr.: - /- MFAG: - /-

14.3.4 Correct technical designation:

14.3.5 Remarks

None

14.4 Transportation by air ICAO-TI und IATA-DGR

14.4.1 Class: -

14.4.2 UN/ID-Nr.: Packaging group:

14.4.3 Correct technical designation:

14.4.4 Remarks:

None

14.5 Transportation / further details

Not classified as hazardous goods within the meaning of the transport regulations.

15 **Regulations**

15.1 To be labelled in accordance with EC guidelines.

On the basis of the data available to us, the product is not a hazardous substance or hazardous preparation within the meaning of the legislation governing chemicals or the ordinance governing hazardous substances: however, the instructions contained in this safety data sheet are to be observed.

15.2 National regulations

Classification as per VBF:

VBF is not applicable in this case

Technical instructions regarding air:

Class: III Clause: 3.1.7

Water contamination class:

WGK 1 (self-classification in accordance with the VCI-concept)

Sundry regulations, restrictions and prohibition order:

None

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16 **Other Details**
None

The details given in this safety data sheet correspond to the current level of knowledge regarding our product

The safety data sheet acts as a product description with respect to both the handling of the product and the requirements relevant to safety. No legally-binding statements on contractually agreed product characteristics have been implied in the drawing up of this sheet. This safety data sheet has been produced mechanically and has, therefore, not been signed

NA = NOT APPLICABLE

ND = NOT DETERMINATE