

Trade name: Leiston filler
Safety data sheet in accordance with 91/155/EEC
 Date of printing : 03.03.2003

01. Identification

01.01 Product details	
01.01.01. Trade name	Leiston Füllstoff / Leiston filler
01.02. Identification of the manufacturer	
01.02.01. Address	ERKODENT Erich Kopp GmbH, Siemensstr. 3, D-72285 Pfalzgrafenweiler
01.02.02. Information provided by	Chemie
01.02.03. Telephone number	Tel.: (+49) (0) 7445 / 85 01 - 0, Fax: (+49) (0) 7445 / 20 92
01.02.04. Emergency telephone number :	

02. Composition/information on ingredients

02.01. Chemical characterization	Amorphes Aluminium Silikat
02.02. Substance / product identification	-
02.03. Hazardous ingredients	-
02.04. Additional information	-

03. Hazards possibilities

03.01. Hazard designation	-
03.02. Particular information pertaining specific risk for human / environment	-

04. First aid measures

04.01. General Information	
04.02. First aid measures / inhalation.	Ensure supply of fresh air., In the event of symptoms take medical treatment.
04.03. First aid measures / skin contact.	-
04.04. First aid measures / eye contact.	-
04.05. First aid measures / ingestion.	Rinse mouth thoroughly with water.
04.06. Advice to doctor	-

05. Fire-fighting measures

05.01. Suitable extinguishing media	Product itself is non-combustible; Fire extinguishing method of surrounding areas must be discussed.
05.02. Extinguishing media that must not be used for safety reasons	-
05.03. Special exposure hazards arising from the substance or preparation itself, its combustion products or from resulting gases.	-
05.04. Special protective equipment for firefighting	-
05.05. Additional informations (chapter 5)	Avoid raising dust.

06. Accidental release measures

06.01. personal precautions.	Avoid dust formation.
06.02. environmental precautions.	
06.03. methods for cleaning up/taking up.	Dampen, pick up mechanically and dispose of.
06.04. Additional informations (chapter 6).	-

07. Handling and storage

07.01. Handling	
07.01.01. Hints on safe handling.	Open and handle container with care., Provide exhaust ventilation if dust is formed.
07.01.02. Hints for protection against fire and explosion.	The product is not combustible.
07.02. Storage	

07.02.01. Requirements for storage rooms and vessels.	-
07.02.02. Hints on storage assembly.	-
07.02.03. Further information on storage conditions.	Store in a dry place
07.02.04. Storage category	-
07.02.05. Storage stability	May be stored indefinitely at room temperature.
07.02.06. Recommended storage temperature	-

08. Exposure controls/personal protection

08.01. Additional hints on technical system design.	-
08.02. Ingredients with occupational exposure limits to be monitored	-

08.03. Personal protective equipment	Personal protective equipment	
	Persönliche Schutzausrüstung	
08.03.01. Respiratory protection	Dust mask	
08.03.02. Hand protection	-	
08.03.03. Eye protection	safety glasses	
08.03.04. Skin protection	-	
08.03.05. General protective and hygiene measures	-	

09. Physical and chemical properties

09.01. Appearance.	
09.01.01. Form	Fine powder
09.01.02. Colour	white
09.01.03. Odour	odourless

09.02. Safety data	
--------------------	--

Changes in physical state

Melting point, Melting range	1100 - 1300	°C	
------------------------------	-------------	----	--

Flash point

	The product is not combustible.	°C	
--	---------------------------------	----	--

Ignition temperature

	n.a.	°C	
--	------	----	--

self ignition

explosion limits	n.a.		
------------------	------	--	--

Upper explosion limit	n.a.		
-----------------------	------	--	--

Vapour pressure

	n.a.		
--	------	--	--

Density

Bulk density	110 - 300	kg/m ³	
--------------	-----------	-------------------	--

solubility

	insoluble	g/l	
--	-----------	-----	--

Soluble in

	n.a.	g/l	
--	------	-----	--

pH-Value

	6,5 – 7,5.		
--	------------	--	--

Viscosity

	n.a.		
--	------	--	--

09.03. Other information (chapter 9.)	-
--	---

10. Stability and reactivity

10.01. Hazardous reactions	-
10.02. Hazardous decomposition products	-
10.03. Thermal decomposition	-
10.04. Additional informations (chapter 10)	-

11. Toxicological information

11.01. Acute toxicity	
-----------------------	--

11.01.01. Acute oral toxicity	-
11.01.02. Acute dermal toxicity	-
11.01.03. Acute inhalational toxicity	-
11.02. Irritant/corrosive effects	
11.02.01. Irritant effect on skin	-
11.02.02. Irritant effect on eyes	-
11.03. Sensitization	-
11.04. Effects after repeated or prolonged exposition (subacute, subchronic, cronic)	-
11.08. Other information (chapter 11.)	-
11.09. Experiences made in practice.	-
11.10. General remarks.	-

12. Ecological information

12.01. Data on elimination (persistence and degradability) :	
12.01.01. Physico-chemical eliminability	Slightly water-soluble inorganic product. It can be removed to a large extent in a chemical purification plant.
12.01.02. Biodegradability	Inorganic product, cannot be eliminated from the water by biological purification processes.

12.02. Behaviour in environment compartments.	-
12.03. Ecotoxic effect	-
12.03.01. Fish toxicity	-
12.03.02. Daphnia toxicity	-
12.03.03. Algae toxicity	-
12.03.04. Bacteria toxicity	-

12.04. Further ecological information	-
---------------------------------------	---

13. Disposal considerations

13.01. Disposal considerations	
13.01.01. Disposal / product	-
13.01.02. Disposal / contaminated packagings.	Completely emptied packagings can be given for recycling.
13.02. Waste code no. / name of waste (for Germany only)	314 The stated Waste Code Number(s) according to the European Waste Catalogue (EAK) is (are) considered as a recommendation. A definite setting (establishment) should be carried out in co-ordination with the Regional Waste Disposal Authority.

14. Transport information

14.01. Land transport ADR/RID	
14.01.01. Class	-
14.01.02. Number/letter	-
14.01.03. Hazard number (Kemler-number)	-
14.01.04. UN number	-
14.01.05. Technical name	-
14.01.06. Remarks	-
14.02. Inland waterways transport ADN/ADNR	
14.02.01. Class	-
14.02.02. Number/letter	-
14.02.03. Category	-
14.02.04. Technical name	-
14.02.05. Remarks	-

14.03. Marine transport IMDG/GGVSee	
14.03.01. Class	-
14.03.02. UN number	-
14.03.03. page	-
14.03.04. EmS	-
14.03.05. MFAG	-
14.03.06. MARINE POLLUTANT	-
14.03.07. Correct technical name	-
14.03.08. Remarks	-

14.04. Air transport ICAO/IATA	
14.04.01. Class	-
14.04.02. UN number	-
14.04.03. page	-
14.04.04. Correct technical name	-
14.04.05. Remarks	-

14.05. Other information (chapter 14.)	-
--	---

15. Regulatory information

15.01. Labelling in accordance with GefStoffV/EC	
The product does not require a hazard warning label in accordance with EC directives/German regulations on dangerous substances.	

15.02. Other regulations	
15.02.01. Restriction of occupation.	-
15.02.02. Decree for case of interference / remarks (for Germany only).	-
15.02.03. Classification according to VbF / remarks (for Germany only).	-
15.02.04. TA-Luft (Ger.)	-
15.02.05. Water Hazard Class (Ger.)	-
15.02.06. Other regulations, restrictions and prohibition regulations (for Germany only)	-

16. Other information (chapter 16.).

-

(n.a. = Not applicable; n.b.= not determined)

This information is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application.