

1. Identification of the substance/preparation and of the company /undertaking	
Product name	KAIFLEX KKplus, KAIFLEX HTplus, KAIFLEX EF, KAIFLEX ST
Use of the substance /preparation	Insulation /protection of pipelines
Manufacturer /Supplier	KAIMANN GmbH Hansastraße 2-5 · D-33161 Hövelhof Tel.: +49 (0) 52 57- 98 50- 0 · Fax: +49 (0) 52 57- 98 50- 590
Information on material safety data sheet	Contact: Dipl.-Ing. Wolfgang Andrä Quality Manager Tel.: +49 (0) 52 57- 98 50- 314 · Fax: +49 (0) 52 57- 98 50- 693 wolfgang.andrae @ kaimann.de
Emergency information	Advice Center for Poison Symptoms and Embryo Toxicology (Emergency Phone Line Berlin) Tel.: +49 (0) 30 -1 92 40 · www.giftnotruf.de
2. Composition / details of the components	
Chemical characterization / description	Impregnated foam on the basis of synthetic rubber (elastomer) / NBR
3. Possible dangers	
	None
4. First-aid measures	
After inhalation	No special measures required
After skin contact	No special measures required
After eye contact	No special measures required
After ingestion	If possible induce vomiting
5. Fire-fighting measures	
Suitable extinguishing media	No restrictions
Particular hazards from the preparation	Do not inhale combustion gases. Hazardous gases such as CO and CO ₂ can be produced in a fire. In the event of a fire, wear independent breathing apparatus.
6. Accidental release measures	
Personal precautions	Not required
Environmental precautions	Not required
Methods for cleaning up /collecting	Retrieve mechanically

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7. Handling and storage	
Information for safe handling	No special measures required
Information about protection against explosions and fires	No special measures required
Information about separation of incompatible products	No special measures required
Further information about storage conditions	Can be stored in dry clean conditions under normal relative humidity (60 -70 %) and ambient temperature (0 °C -35 °C)
8. Exposure controls/personal protection	
General safety measures	Not required
Respiratory protection	Not required
Hand protection	Not required
Eye protection	Not required
9. Physical and chemical properties	
Form	Tubes and sheets (including self-adhesive), self-adhesive strip, self-adhesive tape
Colour	Black
Odour	Standard
Melting point/range	None
Boiling point/range	None
Flash point	Flame-resistant (DIN EN 13501-1/DIN 4102-B1) Normal flammability (DIN EN 13501-1/DIN 4102-B2)
Lower explosion limit	Inapplicable
Upper explosion limit	Inapplicable
Density at 20 °C	Raw density: 40 - 100 kg/m ³
Solubility in water	Non-soluble
10. Stability and reactivity	
Conditions to avoid	Avoid the effect of naked flames.
Materials to avoid	No hazardous reactions known.
Hazardous decomposition products	Will not degrade if used correctly.
11. Toxicological information	
Experience on practice	According to our experience and the information available to us, the product has no negative impact on health if handled correctly and used as directed.
12. Ecological information	
	The product is not classified as a water pollutant.

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13. Disposal considerations	
Product disposal	The product should be disposed of according to the official local provisions.
List of recommendations for waste code according to AVV	Waste classification ordinance 07 02 13 (plastic waste) Note: The waste can be classified differently depending on the location where the product is used. Please note EU resolution 2001/118/EG
Disposal of packaging	Cardboard packaging can be sent for recycling.
14. Transport information	
	Product is not hazardous in terms of the transport regulations (ADR/RID, IMDG code, ICAO-TI/IATA-DGR)
15. Regulatory information	
	The product does not need to be labelled in line with preparations directive 1999/45/EG.
16. Other information	
	<p>The information contained in this safety specification sheet reflects our current level of knowledge and comply with national and EU legislation. However, the working conditions of the user are unknown to us and are outside of our control.</p> <p>The details in this safety specification sheet describe the safety requirements for our products and offer no assurance as to the product's properties.</p>

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