
Trade name: AF/ArmaFlex**Current version :** 11.2.1, issued: 20.07.2023**Replaced version:** 11.2.0, issued: 10.05.2023**Region:** GB

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

Trade name

AF/ArmaFlex**AF/ArmaFlex N****AF/ArmaFlex Class 0****ArmaFlex XG****ArmaFlex ACE****SH/ArmaFlex****ArmaFlex LS****HT/ArmaFlex****NH/ArmaFlex****ArmaFix AF****ArmaFix Ultima****ArmaFix NH****ArmaFlex ACE Plus****ArmaFix X****ArmaComfort AB****ArmaComfort AB Alu****ArmaComfort AB Alu Plus****ArmaFlex Duct , ArmaFlex Duct Plus, ArmaFlex Duct AL, ArmaFlex Duct Plus AL****HT/ArmaFlex S****ArmaFlex Protect****ArmaFlex Duosolar****ArmaSound RD****ArmaFlex Ultima****AF/ArmaFlex Evo****NH/ArmaFlex Smart****ArmaComfort AB Plus****ArmaFlex SE****NH/ArmaFlex Smart C****1.2 Relevant identified uses of the substance or mixture and uses advised against**Relevant identified uses of the substance or mixture
insulation and protection of pipelines and containers

Trade name: AF/ArmaFlex

Current version : 11.2.1, issued: 20.07.2023

Replaced version: 11.2.0, issued: 10.05.2023

Region: GB

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet

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Fax no. +49 (0) 251 - 7603-561

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Information provided by / telephone

Dr. Heribert Quante, Tel.: +49 (0) 251 - 7603-227

Advice on Safety Data Sheet

heribert.quante@armacell.com

Address

Armacell UK Ltd
Mars Street
OL9 6LY Oldham
United Kingdom

email: info.armaform@armacell.com

1.4 Emergency telephone number

For medical advice (in German and English):
+49 (0)551 192 40 (Giftinformationszentrum Nord)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification information

This product is an article in the sense of Article 3 of Regulation (EC) 1907/2006 (REACH) and is not subject to labelling according to Article 1, Regulation (EC) 1272/2008 (CLP).

Provision of a safety data sheet is not mandatory for articles according to Article 31 of Regulation (EC) 1907/2006 (REACH) and is done on a voluntary basis.

2.2 Label elements

Not relevant

2.3 Other hazards

No data available.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable. The product is not a substance.

3.2 Mixtures

Chemical characterization

reticulated foam based on synthetic rubber (elastomer)

Hazardous ingredients

This product does not contain substances to be mentioned according to EU Regulation No 1907/2006 (REACH), annex II.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Trade name: AF/ArmaFlex**Current version :** 11.2.1, issued: 20.07.2023**Replaced version:** 11.2.0, issued: 10.05.2023**Region:** GB

No special measures necessary.

After inhalation

No special measures necessary.

After skin contact

No special measures necessary.

After eye contact

No special measures necessary.

After ingestion

No special measures necessary.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Firefighting measures**5.1 Extinguishing media****Suitable extinguishing media**

Extinguishing measures to suit surroundings.

Unsuitable extinguishing media

No data available.

5.2 Special hazards arising from the substance or mixture

No data available.

5.3 Advice for firefighters

In case of combustion use a suitable breathing apparatus.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures****For non-emergency personnel**

No special measures necessary.

For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

6.2 Environmental precautions

No special measures necessary.

6.3 Methods and material for containment and cleaning up

Collect mechanically.

6.4 Reference to other sections

No data available.

SECTION 7: Handling and storage**7.1 Precautions for safe handling****Advice on safe handling**

No special measures necessary if used correctly.

General protective and hygiene measures

No special measures necessary.

Advice on protection against fire and explosion

No special measures necessary.

7.2 Conditions for safe storage, including any incompatibilities

Recommended storage temperature

Trade name: AF/ArmaFlex

Current version : 11.2.1, issued: 20.07.2023

Replaced version: 11.2.0, issued: 10.05.2023

Region: GB

Value 0 - 35 °C

Incompatible products

Protect against humidity

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection
8.1 Control parameters

No parameters available for monitoring.

8.2 Exposure controls
Appropriate engineering controls

No data available.

Personal protective equipment
Respiratory protection

No special measures required.

Eye / face protection

No special measures required.

Hand protection

No special measures required.

Other

No special measures required.

Environmental exposure controls

No data available.

SECTION 9: Physical and chemical properties
9.1 Information on basic physical and chemical properties
State of aggregation

solid

Form

sheet; tube; possibly self-adhesive

Colour

black; grey

Odour

characteristic

pH value

Value	7
Method	DIN EN 12176

Boiling point / boiling range

Not applicable

Comments	cross-linked material
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Melting point/freezing point

Not applicable

Comments	Material does not drip and flow due to the crosslinked structure.
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Decomposition temperature

No data available

Flash point

No data available

Ignition temperature

Trade name: AF/ArmaFlex

Current version : 11.2.1, issued: 20.07.2023

Replaced version: 11.2.0, issued: 10.05.2023

Region: GB

No data available	
Flammability	
No data available	
Lower explosion limit	
No data available	
Upper explosion limit	
No data available	
Vapour pressure	
No data available	
Relative vapour density	
No data available	
Relative density	
No data available	
Density	
Value	40 - 100 kg/m ³
Solubility in water	
Comments	insoluble
Solubility	
No data available	
Partition coefficient n-octanol/water (log value)	
No data available	
Kinematic viscosity	
No data available	
Particle characteristics	
No data available	

9.2 Other information

Other information	
No data available.	

SECTION 10: Stability and reactivity

10.1 Reactivity

Dangerous reactions are not expected if the product is handled according to its intended use.

10.2 Chemical stability

Stable if stored and handled properly.

10.3 Possibility of hazardous reactions

None, when used as directed.

10.4 Conditions to avoid

Contact with open flames.

10.5 Incompatible materials

No data available.

10.6 Hazardous decomposition products

No data available.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute oral toxicity

Trade name: AF/ArmaFlex

Current version : 11.2.1, issued: 20.07.2023

Replaced version: 11.2.0, issued: 10.05.2023

Region: GB

No data available
Acute dermal toxicity
No data available
Acute inhalational toxicity
No data available
Skin corrosion/irritation
No data available
Serious eye damage/irritation
No data available
Respiratory or skin sensitisation
No data available
Germ cell mutagenicity
No data available
Reproduction toxicity
No data available
Carcinogenicity
No data available
STOT - single exposure
No data available
STOT - repeated exposure
No data available
Aspiration hazard
No data available

11.2 Information on other hazards

Endocrine disrupting properties

No data available.

Other information

No data available.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish (acute)
No data available
Toxicity to fish (chronic)
No data available
Toxicity to Daphnia (acute)
No data available
Toxicity to Daphnia (chronic)
No data available
Toxicity to algae (acute)
No data available
Toxicity to algae (chronic)
No data available
Bacteria toxicity
No data available

12.2 Persistence and degradability

No data available.

Trade name: AF/ArmaFlex**Current version :** 11.2.1, issued: 20.07.2023**Replaced version:** 11.2.0, issued: 10.05.2023**Region:** GB**12.3 Bioaccumulative potential**

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Endocrine disrupting properties

No data available.

12.7 Other adverse effects

No data available.

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Product**

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging

Residues must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

SECTION 14: Transport information**14.1 Transport ADR/RID/ADN**

The product is not subject to ADR/RID/ADN regulations.

14.2 Transport IMDG

The product is not subject to IMDG regulations.

14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

14.4 Other information

No data available.

14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user

No data available.

14.7 Maritime transport in bulk according to IMO instruments

Not relevant

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulations****Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the article does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

Trade name: AF/ArmaFlex

Current version : 11.2.1, issued: 20.07.2023

Replaced version: 11.2.0, issued: 10.05.2023

Region: GB

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances subject to restriction as listed in Annex XVII of the REACH regulation (EC) 1907/2006.

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

This product is not subject to Part 1 or 2 of Annex I.

15.2 Chemical safety assessment

No data available.

SECTION 16: Other information

Further information

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The information is based on our current knowledge however it does not represent a guarantee of product properties nor does it create any legal obligation.

Sources of key data used to compile the data sheet:

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.

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