

Trade name: JACKODUR Plus Product no.: JIN-007

Current version : 5.0.5, issued: 14.11.2022

Replaced version: 5.0.4, issued: 01.11.2022

Region: GB

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier Trade name

JACKODUR Plus

1.2 Relevant identified uses of the substance or mixture and uses advised against Relevant identified uses of the substance or mixture

Thermal insulation in civil engineering Uses advised against No data available.

1.3 Details of the supplier of the safety data sheet

Address Jackon Insulation GmbH Ritzlebener Straße 1 D-39619 Arendsee Telephone no. +49 (0)3 90 36 / 9 60 - 0

 Fax no.
 +49 (0)3 90 36 / 9 60 - 2 90

Information provided by / telephone Tel.: +49 (0)3 90 36 / 9 60 - 0; Fax: +49 (0)3 90 36 / 9 60 - 2 90

Advice on Safety Data Sheet info@jackodur.com

1.4 Emergency telephone number

+49 (0)3 90 36 / 9 60 - 0

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

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable. The product is not a substance.

3.2 Mixtures

Chemical characterization

Expanded polystyrene foam with propellants HFO-1234 ZE and a flame proof agent without hazardous substances.

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 No special measures necessary.

After inhalation

No special measures necessary.

After skin contact No special measures necessary.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.).

After ingestion

Not relevant, due to the compact form of the product.



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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

Foam; Carbon dioxide; Extinguishing powder; Water spray jet **Unsuitable extinguishing media**

No data available.

5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon dioxide (CO2); Carbon monoxide (CO); Hydrogen halides; Combustion products of this material have to be classed invariably as respiratory poison.

5.3 Advice for firefighters

Fire-fighting operations, rescue and clearing work under effect of combustion and smoulder gases just may be done with breathing apparatus. Wear protective clothing.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation. 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. When collected, handle material as described under the section heading "Disposal considerations".

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 stored and handled as prescribed. Provide good ventilation at the work area (local exhaust ventilation, if necessary).

General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Wash hands before breaks and after work. Do not inhale vapours during thermal processing.

Advice on protection against fire and explosion Keep away from sources of heat and ignition.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Store in a dry place. Protect from direct sunlight. Requirements for storage rooms and vessels

No special measures required.

Incompatible products None known

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

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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.

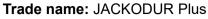
Environmental exposure controls No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

State of aggregation						
solid						
Form						
compact form; sheet						
Colour						
violet; white						
Odour						
odourless						
pH value						
No data available						
Boiling point / boiling range						
Not applicable						
Melting point/freezing point						
No data available						
Softening point / softening temperature						
Value	>	75	°C			
Decomposition temperature		-				
Value	appr.	280	°C			
Flash point	1		-			
Not applicable						
Ignition temperature Value	appr.	380	°C			
Method	DIN 51794	500	0			
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	30 -	45	kg/m³			
Reference temperature		20	°C			
Solubility in water						
Reference temperature		20	°C			
Comments	insoluble					





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Solubility				
No data availab	е			
Partition coeffi	cient n-octanol/water	(log value)		
No data availabl	е			
Kinematic visc	osity			
No data availab	е			
Particle charac	teristics			
No data availabl	e			

9.2 Other information

Other information Fire behaviour: Euroclass E (EN 13501 -1)

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No data available.
- 10.2 Chemical stability
 - No data available.
- **10.3 Possibility of hazardous reactions** No data available.
- **10.4** Conditions to avoid Temperatures > 75°C
- **10.5** Incompatible materials organic solvents; oils
- **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
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
Symptoms related to the physical, chemical and toxicological characteristics
Eye contact may cause mechanical irritation through dust particles.





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Delayed and immediate effects as well as chronic effects from short and long-term exposure By appropriate use of the product no health damage is known.

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

Biodegradability				
No	Product Name			
1	JACKODUR Plus			
Evaluation		not degradable		

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.

12.8 Other information

Other information Product is insoluble in water.

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.

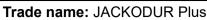
Waste disposal in accordance with the regulations of the local authorities can either be incinerated or deposited with household garbage.

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



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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.

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

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.

Creation of the safety data sheet

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This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

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