

HOMATHERM FLEXCL 040 MATERIAL SAFETY DATA SHEET

according to EC/91/155

1. Identification of material and company

- 1.1 Notes on product:
Product name: **flexCL® 040**, Cellulose Insulation Batt
Intended use: Thermal and acoustic insulation
- UK Distributor: **Construction Resources**
16 Great Guildford Street, London SE1 0HS
Tel: +44 (0)20 7450 2211
Fax: +44 (0)20 7450 2212

2. Composition / Information on ingredients

- 2.1. Chemical composition: Cellulose from newspaper and polyolefin fibres
- 2.1.1. CAS-number: none
EC symbol: none
Risk phrases: none
- 2.1.2. Identification number: none

3. Possible hazards

- 3.1 Hazard description: normally inflammable material (DIN4102 – class B2)¹
- 3.2 Special hazard notes for persons & environment: none
- 3.3 Damaging effects on human health: none

4. First aid measures

- 4.1 General notes: no special measures required
- 4.1.1 Inhalation: ensure adequate fresh air

5. Fire-fighting measures

- 5.1 Suitable extinguishing media: extinguisher/s as appropriate for surroundings
- 5.2 Unsuitable extinguishers: none
- 5.3 Special exposure hazards
In fire: low smoke levels¹
- 5.4 Special protective equipment: S 41 wear protective mask if heavy smoke develops

6. Accidental release measures

- 6.1 Personal precautions: S 22 observe maximum dust level of 6 mg/m³
- 6.2 Environmental precautions: no special measures required
- 6.3 Methods for cleaning up: clean up dust and particles mechanically
- 6.4 Additional notes: none

7. Handling and storage

- 7.1 Precautions during handling: no special measures required
- 7.2 Precautions during storage: store in a dry, ventilated space (to protect material)

8. Exposure control and personal protection

- 8.1. Components with workplace-related limits:
- 8.1.1 CAS number: none
Name of substance: none
Concentration: none
Type: none
Value: none
Units: none
- 8.2. Personal protection:
- 8.2.1 General protection & hygiene: ensure adequate ventilation
- 8.3. Additional notes: observe normal health & safety measures

9. Physical and chemical properties

9.1.	Appearance:	batts		
9.2.	Colour:	grey		
9.3.	Odour:	none		
9.4.	Density:	60 – 90 kg/m ³		
9.5.	pH-value	6.5 – 7.0 (in accordance with DIN 38404-C 5)		
9.6	Physical alteration:	Value	Units	Method
9.6.1	Melting point / range:	-	-	-
9.6.2	Boiling point / range:	-	-	-
9.6.3	Solubility:	-	-	-
9.7	Flammability:	normally inflammable material (DIN4102 – class B2) ¹		

10. Stability and reactivity

10.1	Conditions to avoid:	exposure to fire (see item 9.6)
10.2	Hazardous decomposition products:	negligible smoke toxicity up to 200°C (DIN 53 436)

11. Toxicological information

11.1	Acute toxicity:	none
11.2	Skin irritation:	none
11.3	Increased sensitivity:	no effects known
11.4	Additional notes:	pentachlorophenol below permitted levels PCP level regulations (< 5 mg/kg) ² Building biology classification - tolerable (< 1 mg/kg) ²

12. Ecological information

12.1	General notes:	no growth-limiting effects in ciliate test ²
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13. Disposal

13.1.	Product:	
13.1.1	Waste code number:	18406 alkaline cellulose waste (LAGA 1993)
13.1.2	Recommendation:	can be recycled for the production of insulation batts
13.1.3	Disposal:	disposal not sensible (see 13.1.2); if unavoidable then incinerate if possible.

14. Transportation legislation

14.1.	Transport / additional notes:	non-hazardous material (GefStoffV0 1994)
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15. Legislation

15.1.	EC guideline designation:	no EC or GefStoffV0 1994 designation required
15.2.	Safety phrases:	S22 do not inhale dust S41 do not inhale fumes if material is burned

16. Additional notes

16.1.	Training advice:	copies of this data sheet must be passed on to all personnel handling the product
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NOTE This data sheet does not constitute a users' assessment of workplace risk as required by HSW Act 1974, COSHH 1988, Management of Health and Safety at Work Regulations 1992, or other Health and Safety legislation. Users must make their own assessments of the risks encountered in their own individual workplace. The information contained in this data sheet will provide the basic information required to undertake these assessments.

Further information and relevant advice can be found in:

The Control of Substances Hazardous to Health Regulations (S.I. 1988:1657)
The Chemicals (Hazard Information and Packaging) Regulations 1993 (S.I. 1993:1746)
The Environmental Protection (Duty of Care) Regulation 1992 (S.I. 1992:2839)
The Personal Protective Equipment at Work Regulations 1992
The Environmental Protection Act 1990

¹ MPA NRW, Prüf-Ber. : 4200047900-1 dated 14.03.2001

² Institute für Building Biology and Ecology, Neubeuern: certified 23.07.2001