



MATERIAL SAFETY DATA SHEET FOR FLEXICELL[®] NBR



**FLEXIBLE ELASTOMERIC
THERMAL INSULATION FOAM**

MATERIAL SAFETY DATA SHEET FOR FLEXICELL[®] NBR

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MATERIAL SAFETY DATA SHEET

FOR FLEXICELL[®] NBR

1. Identification of

1.1 Product

FlexiCell[®] NBR

1.2 Company

Hira Industries LLC
P.O.Box 9013
Al Ghail Industrial Area, Ras Al-Khaimah, UAE
P: 07-2589006 | F: 07-2589008
www.flexicell.com.au

1.3 Technical contact point

Mr. Darren Read
National Sales Manager Australia & New Zealand
✉ r.darren@rhira.com
☎ +61 419 701 375

2. Hazards Identification

Hazard designation

To man: none

To environment: insoluble in water

3. Product Composition

Interlaced foam based on synthetic rubber. With regard to the physical condition of the product (elastomeric foam), there is no relevance of ingredients having threshold limits of dust (aluminium hydroxide, PVC).

4. First Aid Measures

In case of inhalation

Unnecessary

In case of skin contact

Unnecessary

In case of ingestion

If possible, induce vomiting

5. Fire Fighting Measures

Suitable extinguishing media

Water spray, Foam spray, Dry chemical powder, CO₂

Special exposure hazards arising from the preparation

Fire gases, do not breathe. Emits toxic fumes under fire conditions: carbon dioxide, carbon monoxide, hydrogen chloride, sulphur dioxide and hydrogen cyanide because of incomplete incineration.

Special protective equipment for firefighters

Wear self-contained breathing apparatus.

Further information

Do not inhale combustion and explosion gases.

6. Accidental Release Measures

Personal precautions

Unnecessary

Environmental precautions

Unnecessary

Methods for cleaning up/taking up

Take up mechanically.

7. Handling and Storage

Handling

Consider normal handling practices, keeping the workplace clean, proper method of transportation.

Further information on storage conditions

Can be stored in clean, dry, well-ventilated rooms under normal conditions with respect to humidity (50 - 70%) and surrounding temperature (0 °C - 35 °C). Keep away from strong acids and oxidizing agents.

8. Exposure Controls / Personal Protection

General health measures

Wash hands before breaks and after work.

Respiratory protection

Unnecessary

Hand protection

Unnecessary

Eye protection

Unnecessary

9. Physical and Chemical Properties

Appearance

Solid (foam): Tubes and sheets (also self-adhesive); self-adhesive tape

Colour

Black

Thermal decomposition

> 400 °C

Odour

Characteristic

Water solubility

Insoluble

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10. Stability and Reactivity

Avoid the influence of naked flames. Materials to avoid: strong mineral acids (nitric acid, hydrochloric acid, sulfuric acid, hydrofluoric acid).

Hazardous reaction

No dangerous reactions known.

Hazardous decomposition products

In the event of fire: carbon monoxide, carbon dioxide, hydrogen chloride, sulphur dioxide and hydrogen cyanide.

11. Toxicological Information

Experience made in practice

When used and handled according to specification, the product does not have any harmful effects according to our experience and knowledge.

12. Ecological Information

Additional ecological information

The product is classified non-hazardous to waters. It does not contain heavy metals, CFC and HCFC free, free of asbestos.

Persistence and degradability

The product has not been tested.

Ozone depletion potential

zero ODP, material is free of CFC and HCFC.

13. Disposal Considerations

Disposal product

Dispose waste according to applicable local and federal regulations.

Disposal packages

Normal disposal path for cardboard and plastic foil packaging. Contaminated packaging should be emptied as far as possible and after appropriate cleansing, it may be taken for reuse. Remove residues mechanically.

14. Transport Information

No hazardous material as defined by the transport regulations.

HSCODE

40161000

Land transport ADR /RID/ GGVSE

| | |
|--|----------------------|
| UN-No.: | Name of the good: |
| Class: | Classification code: |
| Packing group: | Danger labels: |
| Remark: No dangerous goods in accordance with the regulations. | |

Marine transport IMDG-CODE

| | |
|--|-----------------------|
| UN-No.: | Proper shipping name: |
| Class: | Subsidiary risk: |
| Packing group: | EmS: |
| Remark: No dangerous goods in accordance with the regulations. | |

Air transport IATA-DGR

| | |
|--|-----------------------|
| UN-No.: | Proper shipping name: |
| Class: | Subsidiary risk: |
| Hazard labels: | Packing group: |
| Remark: No dangerous goods in accordance with the regulations. | |

15. Regulatory Information

In relation to classification, identification and packaging, no regulations apply, including healthcare and environment.

16. Other information

Keeping restrictions

N/A

Distribution

For industry consumer and trade companies

Full text of the R-phrases

N/A

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This information presented by Hira Industries is accurate to the best of our knowledge at the time of publication. However, we have no knowledge of or control over the working conditions. Due to the unique nature of specific applications, results may vary according to individual circumstances beyond the manufacturers control. As our products are subject to constant research and development, Hira Industries reserves the right to amend, modify and/or update the content of this publication at any time, without prior notice. The data in this safety data sheet describes the safety requirements of our product and may not be considered to guarantee any product properties.



C&I Insulation Limited

+64 7 222 2080 0800 35 3000

sales@ciinsulation.co.nz

www.ciinsulation.co.nz

