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MATERIAL SAFETY DATA SHEET

for

FLEXICELL[®]
XLPE INSULATION

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY

PRODUCT NAME:	Flexicell XLPE
USE OF THE PRODUCT:	Thermal insulation and protection for pipe and ducts
MANUFACTURER:	Hira Industries LLC Al Ghail Industrial Park, Ras Al Khaimah, UNITED ARAB EMIRATES
DISTRIBUTOR:	InsulShop Pty Ltd 4/5 Stanton Road, Seven Hills, NSW, 2147 AUSTRALIA
CONTACT:	Mr. Pieter Hövels Product Development Engineer, InsulShop Tel: (02) 9674 4665 E: Pieter@Insulshop.com.au
DOCUMENT DATE:	February 26 th , 2018

2. HAZARDS IDENTIFICATION

HAZARD DESIGNATION	to man: none to environment: none
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3. COMPOSITION / INFORMATION ON INGREDIENTS

DESCRIPTION	Chemically cross linked, closed cell polyolefin foam
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4. FIRST-AID MEASURES

IN CASE OF SMOKE INHALATION	Fresh air, water, artificial respiration (in critical cases)
IN CASE OF SKIN CONTACT	Unnecessary
IN CASE OF EYE CONTACT	Unnecessary
IN CASE OF INGESTION	If possible, induce vomiting

5. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA Dry chemical, H₂O, CO₂

SELF PROTECTIVE EQUIPMENT FOR FIREFIGHTERS Wear self-contained breathing apparatus

FURTHER INFORMATION Do not inhale gasses

6. ACCIDENTAL RELEASE MEASURE

PERSONAL PRECAUTIONS Unnecessary

ENVIRONMENTAL PRECAUTIONS Unnecessary

METHODS FOR CLEANING UP / TAKING UP Take up mechanically

7. HANDLING AND STORAGE

HINTS FOR SAFE HANDLING None (keep work environment clean and free of dust)

HINTS FOR PROTECTION AGAINST FIRE AND EXPLOSION None

HINTS FOR SEPARATIONS OF INCOMPATIBLE PRODUCTS None

FURTHER INFORMATION ON STORAGE CONDITIONS Can be stores in clean, dry rooms under normal conditions

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

GENERAL HEALTH MEASURES Unnecessary

REPSIRATORY PROTECTION Unnecessary

HAND PROTECTION Unnecessary

EYE PROTETION Unnecessary

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Flexible closed cell, cross linked polyolefin foam, permanent bonded with reinforced ALUPET foil
COLOUR	Charcoal
ODOUR	Odorless
THERMAL DECOMPOSITION	> 160-180 °C
FIBROUS EMISSIONS	None
DENSITY	25 kg / m ³
SOLUBILITY	Insoluble in water

10. REACTIVITY

HAZARDOUS REACTION	No dangerous reactions known
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11. TOXICOLOGICAL INFORMATION

EXPERIENCE MADE IN PRACTICE	The product does not have any harmful effect according to our experience and knowledge
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12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION	The product is classified non-hazardous to water. It does not contain ozone layer depleting substances
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13. TRANSPORT INFORMATION

No hazardous materials 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/ID-No: Proper shipping name:
Class: Subsidiary risk:
Hazard labels: Packing group:

Remark: No dangerous goods in accordance with the regulations

14. OTHER INFORMATION

KEEPING (RESTRICTIONS) Not applicable

DISTRIBUTION For industry, consumer and trade companies

FULL TEXT OF THE R-PHRASES Not applicable

The data in this safety data sheet corresponds to our current level of knowledge and are sufficient for national, GCC, Indian and African laws. However, we have no knowledge or control over the working conditions. The data in the safety data sheet describes the safety requirements of our product and may not be considered to guarantee any product properties.