

MATERIAL SAFETY DATA SHEET

for

AEROFOAM NBR

AEROFOAM

AEROFOAM

SAFETY DATA SHEET AEROFOAM NBR

www.rhira.com

Page 1 of 6

Status: 01/07/2011

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

PRODUCT NAME:	Aerofoam-NBR
USE OF THE PRODUCT:	Insulation and protection for pipes and ducts
MANUFACTURER / DISTRIBUTOR:	Hira Industries LLC PO Box, 9013 Al Ghail Industrial Area, Ras Al-Khaima, UAE P: 07-2589006 F: 07-2589008 www.aerofoam.ae
TECHNICAL CONTACT POINT:	Dr. Laurențiu Pestițu Quality, Safety, Product Management Tel: +971 4 884 8414; Fax: +971 4 884 8434 laurentiu@rhira.com

2. HAZARDS IDENTIFICATION

HAZARD DESIGNATION	to man: none to environment: insoluble in water.
---------------------------	---

3. COMPOSITION / INFORMATION ON INGREDIENTS

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

4. FIRST-AID MEASURES

IN CASE OF INHALATION	Unnecessary
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 The product has flame-retardant effects. Coordinate fire-fighting measures to the fire surroundings.

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 EQUIPEMENT FOR FIREFIGHTERS Wear self-contained breathing apparatus.

FURTHER INFORMATION Do not inhale combustion and explosion gases.

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

HINTS FOR PROTECTION AGAINST FIRE AND EXPLOSION None

HINTS FOR SEPARATION OF INCOMPATIBLE PRODUCTS None

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
ODOUR	characteristic
pH (AS SUPPLIED)	of an aqueous solution: 7,0 (aqueous extraction)
MELTING POINT	not applicable
BOILING POINT	not applicable
THERMAL DECOMPOSITION	> 400°C
FLASH POINT	difficult to ignite
LOWER EXPLOSION LIMIT	not applicable
UPPER EXPLOSION LIMIT	not applicable
DENSITY AT 20 °C	45 - 90 kg / m ³
WATER SOLUBILITY (20 °C)	insoluble
VISCOSITY	not applicable

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID

Avoid the influence of naked flames.

Materials to avoid: strong mineral acids (nitric acid, hydrochloric acid, sulfuric acid, hydrofluoric acid), bromine, chlorine, hydrogen peroxide, aniline, benzene, chloroform, Freon 11, fuel FAM, carbon tetrachloride, trichloroethylene and xylene.

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 effect according to our experience and knowledge.

12. ECOLOGICAL INFORMATION

ADDITIONAL ECOLOGICAL INFORMATION

The product is classified non-hazardous to waters.

PERSISTENCE AND DEGRADABILITY

The product has not been tested.

OZONE DEPLETION POTENTIAL

not applicable

13. DISPOSAL CONSIDERATIONS

DISPOSAL PRODUCT

Dispose waste according to applicable local, emirate 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 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 good in accordance with the regulations.

MARINE TRANSPORT IMDG-CODE

UN-No.: Proper Shipping Name:
Class: Subsidiary Risk:
Packing group: EmS:

Remark: No dangerous good 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 good in accordance with the regulations.

15. OTHER INFORMATION

KEEPING (RESTRICTIONS) N/A

DISTRIBUTION for industry consumer and trade companies

FULL TEXT OF THE R-PHRASES N/A

The data in this safety data sheet correspond to our current level of knowledge and are sufficient for national, GCC, Indian and African laws. However, we have no knowledge of or control over the working conditions.

The data in this safety data sheet describe the safety requirements of our product and may not be considered to guarantee any product properties.