

SAFETY DATA SHEET**CELFLEX**

1. PRODUCT AND COMPANY IDENTIFICATION

Page1

Identification of Product	:	Closed Cell Elastomeric Thermal Insulation for insulating hot and cold piping system.
Trade Name	:	CELFLEX
Manufacturer	:	AEROFLEX CO., LTD 111/7, 111/11 Mu 2 Tambol Makhamku, Amphur Nikomattana, Rayong Thailand. 21180
Supplier	:	Airefrig Australia Pty Ltd 75 Beechboro Road, Bayswater Western Australia 6053
Telephone Number	:	08 9272 8977
Fax Number	:	08 9370 2868
Email Address	:	sales@airefrig.com.au

2. Hazards Identification**[GHS Classification]**

Physical Hazard	:	None.
GHS Classification	:	Not a hazardous substance or mixture.
GHS label elements	:	Not a hazardous substance or mixture.
Other hazards	:	None.
Signal word	:	No Hazard Statement.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Description : This product is an expanded, closed cell, cross-linked rubber type compound. It contains synthetic polymer, fillers, plasticizers and rubber chemicals. Following are The main ingredients in this product:

Synthetic rubber (EPDM: Ethylene-Propylene-Terpolymer Rubber) CAS No.25038-36-2

Aluminum Tri hydrate CAS No. 21645-51-2

Carbon Black CAS No. 1333-86-4

SAFETY DATA SHEET

CELFLEX

Date of issue: August 21, 2020

Revision: 3

SDS Number: EG-001

Page2

4. FIRST AID MEASURES

Inhalation

Not required under normal use, any dust created when the material is cut would not be airborne. If

Irritation persists, remove from exposure area

Eye contact

Not required under normal use. Flash with water until all traces of this material are gone. Seek medical

Attention if irritation persists

Ingestion

If illness or adverse symptoms develop, obtain medical attention

Skin Contact

Not required under normal use

5. FIRE FIGHTING MEASURES

Extinguishing Media

Carbon dioxide, ABC dry chemical, water spray and foam

Specific Hazards with regard to Fire-Fighting measures

Approach from upwind side; avoid breathing smoke, fumes or vapors on downwind side.

Firefighters wear protective clothing, especially eye protection, and self-contained breathing apparatus

Hazardous Combustion Products

Material is stable under normal conditions. In the event of a prolonged fire, may generate Carbon

Monoxide, Carbon Dioxide, Low molecular weight alcohol/aldehydes and acid

SAFETY DATA SHEET**CELFLEX**

Date of issue: August 21, 2020

Revision: 3

SDS Number: EG-001

Page3

6. ACCIDENTAL RELEASE MEASURES

If Materials Released /Spill

Land Spill	: Collect spilled material and place it in an appropriate container for reuse or disposal.
Water Spill	: Product is insoluble. Collect spilled material and place it in an appropriate container for reuse or disposal.
Neutralizing Agent	: N/A

7. HANDLING AND STORAGE

Handling condition	: No special precaution required.
Storage condition	: Keep in a dry normal storage.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Controls	: General ventilation.
Personal Protection	: Negligible.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	: Flexible tube or sheet. Foamed with closed cell structure.
Specific Gravity (H₂O=1)	: 0.04-0.08
Temperature Range (°F)	: -70 to +257 °F (-57 to +125°C)
Thermal Conductivity (W/m.K)	: 0.040 at Mean temp 24°C max
Water Absorption (%by Volume)	: 0.20 % by volume max
Weather and UV resistance	: Very Good
Flammability	: Self-extinguishing
Flexibility	: Excellent

SAFETY DATA SHEET**CELFLEX**

Date of issue: August 21, 2020

Revision: 3

SDS Number: EG-001

Page4

10. STABILITY AND REACTIVITY

Chemical stability	: Stable under normal temperatures and pressure.
Condition to Avoid	: None known.
Hazardous Decomposition Product	: May generate Carbon Monoxide, Carbon Dioxide, Low Molecular weight alcohol/ aldehydes and acid
Hazardous Polymerization	: Will not occur.

11. TOXICOLOGICAL INFORMATION

No Hazardous Substance

12. ECOLOGICAL INFORMATION

Classified as non-hazardous to waters

13. DISPOSAL CONSIDERATION

Waste material may be disposed of in an approved landfill or may be incinerated under conditions which meet federal, State and Local environmental regulation

14. TRANSPORTATION INFORMATION**International Regulations**

IATA-DGR	: Not regulated as a dangerous goods
IMDG-Code	: Not regulated as a dangerous goods
Domestic regulation	: Not regulated as a dangerous goods

15. REGULATORY INFORMATION

No Special precautions required

SAFETY DATA SHEET

CELFLEX

Date of issue: August 21, 2020

Revision: 3

SDS Number: EG-001

Page5

16. OTHER INFORMATION

Reference data : Globally Harmonized System of Classification and Labeling of Chemicals – GHS

Abbreviation :

CLP : EU Regulation (EC) No.1272/2008 on classification, labeling and packaging of chemical substances and mixtures.

The information supplied herein is related to material specified and may not be valid if used in combination with other material or process. Further the information contained here is believed to reliable and based on correct state of our knowledge. However no guarantees of any kind can be give as to its accuracy.
