



บริษัท แอร์โฟล็กซ์ จำกัด
亚罗弗国际有限公司
AEROFLEX CO., LTD.

AEROFLEX CO., LTD

Date of issue: February 2, 2017

Revision: 00

SDS Number: SB-001

SAFETY DATA SHEET

AEROFLEX WITH SELF- ADHESIVE COATING

Page1

1. PRODUCT AND COMPANY IDENTIFICATION

Identification of Product : Closed Cell Elastomeric Thermal Insulation coating with self-adhesive.

Trade Name : AEROFLEX WITH SELF- ADHESIVE COATING

Manufacturer/Supplier : AEROFLEX CO., LTD
111/7, 111/11 Mu 2 Tambol Makhamku, Amphur
Nikom pattana, Rayong Thailand. 21180

Telephone Number : 66-3891-7111-120

Fax Number : 66-3891-7121

Email Address : marketing@aeroflex.co.th

2. COMPOSITION/INFORMATION ON INGREDIENTS

Health Hazardous Components : This product is an expanded, closed cell, cross-linked rubber type compound. It contains synthetic polymer, fillers, plasticizers and rubber chemicals. Since all of these material are bound in a polymer matrix, this product does not qualify as a hazardous material as defined by OSHA (29 CFR 1910.1200). Pressure sensitive coating is a synthetic rubber based adhesive with a paper release liner and is classified as an article which is no hazardous as defined by OSHA (29 CFR 1910.1200) 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
Adhesive Chemical Name: Acrylic Polymer CAS No. 90011-14-7



SAFETY DATA SHEET

AEROFLEX WITH SELF-ADHESIVE COATING

Page2

3. Hazards Identification

Inhalation

No significant signs of any adverse health hazard are expected to occur as a result of inhalation exposure.

Eye Contact

No significant signs of any adverse health hazards are expected to occur as a result of eye contact.

Ingestion

Practically non-toxic.

Skin Contact

No significant signs of any adverse health hazards are expected to occur as a result of skin contact.

4. FIRST AID MEASURES

Inhalation

Not required under normal use. 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.



SAFETY DATA SHEET

AEROFLEX WITH SELF-ADHESIVE COATING

Page3

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.

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 an appropriate container for reuse or disposal. |
| Neutralizing Agent | : Negligible |

7. HANDING 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

| | |
|--|---|
| Appearance | : Expanded rubber foam with acrylic pressure sensitive adhesive |
| Specific Gravity (H₂O = 1) | : 0.04-0.08 |
| Thermal Conductivity | : ≤ 0.037 W/mK (0.025 Btu in/ft ² hr °F) at 24°C (75°F) |
| Water Absorption | : ≤ 5 % by weight |
| Water Vapor Permeability | : 0.10 Perm-inch (0.15 x 10 ⁻¹² kg/Pa s m) |



SAFETY DATA SHEET

AEROFLEX WITH SELF-ADHESIVE COATING

Page4

Temperature Range : -29 to +93°C (-20 to +200 °F)

Flammability : Self extinguishing

10. STABILITY AND REACTIVITY

Condition to avoid : N/A

Hazardous Decomposition Product : May generate CO, CO₂, low molecular weight
Alcohols, aldehydes and acids

Hazardous Polymerization : Will not occur

11. TOXICOLOGICAL INFORMATION

No relevant information found.

12. ECOLOGICAL INFORMATION

No relevant information found.

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

No Special precautions required.

15. REGULATORY INFORMATION

No Special precautions required.

16. OTHER INFORMATION

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

SAFETY DATA SHEET

AEROFLEX WITH SELF- ADHESIVE COATING

Page5

to reliable and based on correct state of our knowledge. However no guarantees of any kind can be give as to its accuracy.
