

Safety Data Sheet

according to Regulation (EC) 1907 / 2006

AEROSEAL FIRO (TF)

Date of issue: 21.07.2014

Version: II

1. Identification of the substance/preparation and of the company/undertaking

Product name: AEROSEAL FIRO (TF)

Use of the product: One component modified contact solvent base adhesive specially formulated for bonding AEROFLEX® closed cell insulation and other Elastomeric Thermal Insulation.

Manufacturer / Distributor: AEROFLEX Co., Ltd.
111/7, 111/11 Mu 2 Tambol Makhamku, Amphur Nikompattana Rayong, 21180, Thailand
Tel.: +66 3891-7111-120
Fax: +66 3891-7121
e-mail: marketing@aeroflex.co.th

2. Hazards identification

Hazard designation: Highly flammable. Heating may cause explosion. Vapours may cause respiratory tract irritation. Splashes may cause eye and skin irritation.

Labelling in accordance with EC-Regulations:



F; Highly flammable



Xi; Irritant

3. Composition/information on ingredients

Hazardous Substance	CAS – Nr.	% by Weight
CHLOROPRENE RUBBER	126-99-8	15 – 17
PHENOLIC RESIN	91081-53-7	6 – 10
METHYL ETHYL KETONE	78-93-3	15 – 20
ACETONE	67-64-1	7 – 10
MIXED ALIPHATIC HYDROCARBONS	64742-49-0	18 – 41
ETHYL ACETATE	141-78-6	15 – 20
Additives	-	1 – 5

4. First-aid measures

In case of inhalation: Remove casualty to fresh air and seek medical attention.

In case of skin contact: Wash off immediately with plenty of water and soap. In case of skin irritation, consult a physician.

In case of eye contact: Flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Remove contact lenses, if present and easy to do. Seek medical attention.

In case of ingestion: Do not induce vomiting. If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Keep at rest.

Safety Data Sheet

according to Regulation (EC) 1907 / 2006

AEROSEAL FIRO (TF)

Date of issue: 21.07.2014

Version: II

5. Fire-fighting measures

Suitable extinguishing media:	Carbon dioxide (CO ₂). Alcohol resistant foam.
Exposure hazard:	Avoid proximity or contact with hot surfaces, flames and sparks. Possible increase of pressure in sealed containers due to heat. Heating may cause an explosion.
Special equipment:	Pressure demand self-contained breathing apparatus should be provided to fire fighters in building or confined area where this material is stored. Do not use full water jet.

6. Accidental release measures

Personal precautions:	Ventilate working area. Remove sources of ignition. Avoid contact with skin, eyes and clothing.
Environmental precautions:	Avoid discharge into the environment.
Methods for cleaning up / taking up:	Collect the product in inert filler (sand, sawdust) and put it in marked closed containers.

7. Handling and storage

Storage:	Do not expose to direct sunlight. Keep in a well-ventilated place. Store away from heat sources, avoid static up, must be earthed. Keep in cool place at 5 – 30°C.
Handling:	Keep containers tightly closed. Do not eat, drink or smoke when handling.

8. Exposure controls/personal protection

Information on the system design:	Ensure for good ventilation/suction.
Individual protection:	Respiration: Ensure adequate ventilation. Hands: Wear protective gloves while working. Eyes: Safety glasses are recommended. Skin: Wear suitable protective clothing.

9. Physical and chemical properties

Physical state:	Viscous fluid
Colour:	Blue-Black
Odour:	Characteristic organic solvent
Viscosity (30°C):	1,200 – 1,400 cps
Solid contents:	22.5 – 23.5 %
Solubility in water (20°C):	insoluble
Solubility in solvent (20°C):	Acetone, M.E.K., Ethyl Acetate
Flash Point:	Less than 5°C

Safety Data Sheet

according to Regulation (EC) 1907 / 2006

AEROSEAL FIRO (TF)

Date of issue: 21.07.2014

Version: II

10. Stability and reactivity

Conditions to avoid:	Keep away from direct sunlight or high temperature. Close tightly after use.
Materials to avoid:	Avoid contaminating with water or humidity.
Hazardous decomposition products:	Aliphatic hydrocarbons

11. Toxicological information

Information on the component:	Contains: Acetone with LD50 oral rat: 5800 mg/kg Ethyl acetate with LD50 oral rat: 5620 mg/kg Methyl Ethyl Ketone with LD50 oral rat: 2737 mg/kg Paraffin Mixture with LD50 oral rat: > 2000 mg/kg
--------------------------------------	--

12. Ecological information

Persistence and degradability:	This product may not be released into the environment.
---------------------------------------	--

13. Disposal considerations

Disposal product:	Elimination by incineration is recommended. After mixing with an inert filler (sawdust, sand) treat as a solid industrial waste in agreement with local, regional and national legislation.
--------------------------	---

14. Transport information

UN number:	UN 1133
IMDG:	3, 2
IATA:	3

15. Regulatory information

Labelling

Hazard(ous) symbol(s) and indication(s) of danger:	F Highly flammable Xi Irritant
---	---

National regulations Observe in addition any national regulations!

Restrictions of occupation Please consider possible restrictions of occupation after maternity protection guideline regulation or law for the protection of young workers.

Safety Data Sheet

according to Regulation (EC) 1907 / 2006

AEROSEAL FIRO (TF)

Date of issue: 21.07.2014

Version: II

16. Other information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.