

1 - IDENTIFICATION OF THE PREPARATION AND THE COMPANY/BUSINESS

Identification of the substance or preparation

Name of product: **AIRFLEX**

Use of the substance / preparation

Article: Uncured silicone intensifier

Company / undertaking identification

Company name: AIRTECH EUROPE Sarl

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2 - HAZARDS IDENTIFICATION

Classification: Article

According to EC directives or the corresponding national regulations there is no labeling obligation for this product. The product contains 2,4-dichlorobenzoylperoxide which can form polychlorinated biphenyls (PCBs) during curing.

3 – COMPOSITION/INFORMATION ON INGREDIENTS

Product class: Polydimethylsiloxane containing vinyl groups with pyrogenic silicic acid.

4 - FIRST AID MEASURES

Skin contact: Wash with soap and water. Seek medical advice if irritation persists.

Inhalation: Not a probable route of exposure. In case of accidental inhalation of fumes from overheating or when involved in a fire, move to fresh air. Consult a physician after significant exposure.

Eye contact: Immediately flush with plenty of water for 15 minutes. Seek medical advice if irritation persists.

Ingestion: Call a physician immediately.

5 - FIRE-FIGHTING MEASURES

Suitable extinguishing media: Water fog, carbon dioxide, foam, dry chemical.

Extinguishing media which must not be used for safety reasons: High power water jet.

Special exposure hazards arising from the substance or preparation itself, combustion products: In case of thermal decomposition, carbon monoxide, carbon dioxide, silicone dioxide and formaldehyde are evolved.

Special protective equipment: Normal firefighting procedures should be followed to avoid inhalation of smoke and gases. Firefighters should wear full protective clothing including self contained breathing apparatus.

6 - ACCIDENTAL RELEASE MEASURES

Environmental precautions: Do not allow to enter ground water, sewage or drains.

Cleaning methods: This material is a solid, it will not spill. Collect the product and store into containers for disposal.

7 - HANDLING AND STORAGE

Handling:

Advice on protection against fire and explosion: Normal measures for preventive fire protection.

Storage:

Keep containers tightly closed in a cool, well ventilated place.

8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION

Exposure limit values: None

Exposure controls: Overall room ventilation and/or local exhaust at points of fume generation in the work area.

Occupational exposure controls:

Respiratory protection: None under normal usage.

Hand protection: There is no risk to health due to contact with the chemical. Use hand protection to prevent mechanically injuries.

Eye protection: Not a probable route of exposure. Use safety glasses according to EN 166 as a good general safety practice.

Hygiene measures: Wash hands before handling food and at the end of work.

9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White uncured rubber sheet
Odor:	Very low.
pH:	Not applicable
Solubility in water:	Insoluble.
Flash point:	Not applicable.
Melting point/range:	Not applicable
Boiling point:	Not applicable
Specific gravity:	1.1 – 1.2

10 - STABILITY AND REACTIVITY

Conditions to avoid: Heating above maximum use temperature.

Materials to avoid: Strong oxidizing agents.

Hazardous decomposition products: Small amounts of formaldehyde may be generated during vulcanisation with peroxides. In case of fire may be liberated: Silicon dioxide, formaldehyde, carbon monoxide and carbon dioxide.

Additional information: The product is stable at the handling and storage conditions recommended per § 7 of the safety data sheet and under normal processing conditions.

11 - TOXICOLOGICAL INFORMATION

According to our experience silicone elastomer products can be handled without risk to health if used properly and if the usual precautions for industrial hygiene are observed.

12 - ECOLOGICAL INFORMATION

Ecotoxicity:

No data.

Persistence and degradability:

Product is not biodegradable.

Additional ecological information:

Do not allow to enter ground water, sewage or drains.

13 - DISPOSAL CONSIDERATIONS

Disposal recommendations: Disposal of the product and the packaging must be done in compliance with local, state and federal regulations. The product can be taken to an appropriate incinerator equipped with exhaust gas cleaning.

Product: European waste key numbers: 070217 = Waste containing silicones

Contaminated packaging: Waste key number 150101 – Paper and cardboard packaging.

Waste key number 150102 – Plastic packaging.

14 - TRANSPORT INFORMATION

Not classified as hazardous under transport regulations (ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport).

15 - REGULATORY INFORMATION

This product was classified in compliance with the directive known as <All preparations> 88/379/EEC and its adaptations. The product as shipped is not subject to labeling according to EC directives.

16 - OTHER INFORMATION

This bulletin cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers. It is your responsibility to use this information to develop appropriate work practice guidelines and employee instructional programs for your operation.

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