

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: Airpad

1.2 Relevant identified uses of the substance or mixture and uses advised against

General use: Article: uncured non-silicone tooling rubber
For industrial purposes only

1.3 Details of the supplier of the safety data sheet

Company name: AIRTECH EUROPE SARL

Street/POB-No.: Z.I. Haneboesch

Postal Code, city: 4562 Differdange

Luxemburg

WWW: www.airtech.lu

E-mail: sales@airtech.lu

Telephone: +352-582282-1

Telefax: +352-584935

Dept. responsible for information:

Telephone: +352-582282-1, E-mail: sales@airtech.lu

1.4 Emergency telephone number

Airtech, Telephone: +352-582282-1

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Article not subject to hazard labelling or classification.

2.2 Label elements

Labelling (67/548/EEC or 1999/45/EC)

S phrase(s): not applicable

2.3 Other hazards

The product contains no substances which at their given concentration are considered to be hazardous to health. These compounds may contain hydrocarbon oils with more than 0.1% aromatics, certain resins, metallic dithiocarbamates and chlorine compounds which have been found to cause cancer in laboratory animals. These compounds have not been evaluated as a whole for health effects. Information provided on health effects of compounds is based on the individual components of various compounds. In general, heating or processing compounds may result in product degradation or by-product formation creating additional hazards. For risks which have to be observed thereby, see chapter 7: Handling, chapter 8: Exposure controls / personal protection and chapter 11: Toxicology.

SECTION 3: Composition / information on ingredients

3.1 Substances: not applicable

3.2 Mixtures

Chemical characterisation: Article: Foil / uncured non-silicone tooling rubber.

SECTION 4: First aid measures

4.1 Description of first aid measures

In case of inhalation:	In case of inhalation of decomposition products, affected person should be moved into fresh air and kept still. In case of breathing difficulties administer oxygen. Seek medical treatment in case of troubles.
In case of skin contact:	Wash with generous amount of water and soap. In case of skin irritation, consult a physician. If burned by hot product, quench immediately with cold tap water. Consult physician immediately.
After eye contact:	With eyelids open, wash out eyes for several minutes under flowing water. In case of troubles or persistent symptoms, consult an ophthalmologist.
After swallowing:	Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Do not induce vomiting without medical assistance. Seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

May cause skin irritation in susceptible persons.
Processing, e.g. by cutting, sawing or grinding, can produce particles and dust. Inhalation of dust may cause irritation of the respiratory system. Dust contact with the eyes can lead to mechanical irritation.
Processing by heating can produce vapours. Inhaling hazardous decomposing products can cause serious health damage. Process vapours can irritate the eyes.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:
Water fog, extinguishing powder, foam, carbon dioxide.
Extinguishing media which must not be used for safety reasons:
High power water jet.

5.2 Special hazards arising from the substance or mixture

This material is combustible, but will not ignite readily. Emits toxic fumes under fire conditions.
In case of fire may be liberated: nitrogen oxides (NOx), carbon monoxide and carbon dioxide.

5.3 Advice for firefighters

Special protective equipment for firefighters:
Wear a self-contained breathing apparatus and chemical protective clothing.
Additional information:
Hazchem-Code: -
Evacuate area. Cool endangered containers with water spray and, if possible, remove from danger zone. Use water spray jet to knock down vapours. Do not breathe fumes. Do not allow fire water to penetrate into surface or ground water.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

The hot material can cause burns. Avoid contact with skin, eyes, and clothing. Avoid generation of dust. Avoid formation of aerosols/vapours. Wear protective equipment. Provide adequate ventilation.

In case of development of vapours or dust: Do not inhale vapours or dust particles. Use appropriate respiratory protection. Keep away from unprotected people.

6.2 Environmental precautions

Do not allow to penetrate into soil, waterbodies or drains. In case of release, notify competent authorities.

6.3 Methods and material for containment and cleaning up

Take up mechanically, placing in appropriate containers for disposal. Final cleaning.

6.4 Reference to other sections

Refer additionally to section 8 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advices on safe handling: The hot material can cause burns. Avoid contact with skin, eyes, and clothing. Avoid generation of dust. Avoid formation of aerosols/vapours. Wear protective equipment. When using do not eat, drink or smoke.

In case of development of vapours or dust:

Do not inhale vapours or dust particles. Use appropriate respiratory protection.

Precautions against fire and explosion:

Take standard precautions to prevent fire.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:

Store in a dry place. Do not drop, drag or bang the container. Protect from frost and exposure to sun.

Hints on joint storage: Keep away from food and drinks.

Storage class: 11 = Combustible solids

7.3 Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values:

Type	Limit value
Great Britain: WEL-TWA	0.6 mg/m ³ Rubber, smoke
Great Britain: WEL-TWA	6 mg/m ³ Rubber, process dust
Ireland: 8 hours	0.6 mg/m ³ Rubber, smoke
Ireland: 8 hours	6 mg/m ³ Rubber, process dust

8.2 Exposure controls

Provide good ventilation and/or an exhaust system in the work area.

In case of development of vapours or dust (at processing): Use local exhaust.

Personal protection equipment**Occupational exposure controls**

Respiratory protection:	Provide adequate ventilation. For mechanical processing: Wear a dust mask, in case of excessive dust. Recommendation: Particulates filter P3 according to EN 143. When vapours form: Use combination filter type A-P3 according to EN 14387. The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.
Hand protection:	Recommended: Protective gloves according to EN 374. Glove material: butyl caoutchouc (butyl rubber), PVC, or nitrile rubber. Observe glove manufacturer's instructions concerning penetrability and breakthrough time.
Eye protection:	In case of processing or dust: Safety glasses in accordance with EN 166.
Body protection:	In case of processing or dust: Wear suitable protective clothing.
General protection and hygiene measures:	Avoid contact with eyes. Avoid generation of dust. Avoid formation of aerosols/vapours. Have eye wash bottle or eye rinse ready at work place. After work, wash hands and face. When using do not eat, drink or smoke. In case of development of vapours or dust: Do not inhale vapours or dust particles.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Appearance:	Form: solid, foil Colour: black
Odour:	like rubber
Odour threshold:	no data available
pH value:	no data available
Melting point/freezing point:	no data available
Initial boiling point and boiling range:	no data available
Flash point/flash point range:	> 260 °C (o.c.)
Evaporation rate:	no data available
Flammability:	no data available
Explosive properties:	no data available
Explosion limits:	no data available
Vapour pressure:	no data available
Vapour density:	no data available
Density:	1.12 g/cm ³
Solubility:	no data available
Partition coefficient: n-octanol/water:	no data available
Auto-ignition temperature:	no data available
Thermal decomposition:	no data available
Viscosity, dynamic:	no data available
Explosive properties:	no data available
Oxidizing characteristics:	no data available

9.2 Other information

Additional information:	Processing at 176 °C Maximum process temperature: 204 °C
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SECTION 10: Stability and reactivity

10.1 Reactivity

Refer to section: Possibility of hazardous reactions.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No dangerous reactions with proper and specified storage and handling.

10.4 Conditions to avoid

Avoid dust formation. Protect from excessive heat. Avoid formation of aerosols/vapours.

10.5 Incompatible materials

no data available

10.6 Hazardous decomposition products

Emits toxic fumes under fire conditions.

In case of fire may be liberated: nitrogen oxides (NO_x), carbon monoxide and carbon dioxide.

Thermal decomposition: no data available

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Toxicological effects: Acute toxicity (oral): Lack of data.
Acute toxicity (dermal): Lack of data.
Acute toxicity (inhalative): Lack of data.
Skin corrosion/irritation: Lack of data.
Eye damage/irritation: Lack of data.
Sensitisation to the respiratory tract: Lack of data.
Skin sensitisation: Lack of data.
Germ cell mutagenicity/Genotoxicity: Lack of data.
Carcinogenicity: Lack of data.
Reproductive toxicity: Lack of data.
Effects on or via lactation: Lack of data.
Specific target organ toxicity (single exposure): Lack of data.
Specific target organ toxicity (repeated exposure): Lack of data.
Aspiration hazard: Lack of data.

Other information: The principal components used in this product have been reacted and are tightly bond in a polymeric matrix that has a negligible vapor pressure so there is a low potential for inhalation or ingestion of ingredients. The finished polymerized product is an inert rubber, and exposure to the original constituents would not be expected under normal conditions. Like most high-molecular weight polymers, this product is not known to exhibit any adverse acute or chronic health/environmental effects. Burning this material or exposing it to temperatures in excess can generate irritating and toxic fumes. The type of compounds generated depends upon temperature and conditions. Processing, e.g. by grinding, sanding, sawing or cutting this product may generate dust or particles. Dust or particles may have dangerous health properties.

SECTION 12: Ecological information

12.1 Toxicity

Further details: no data available

12.2. Persistence and degradability

Further details: Product is not biodegradable.

12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water:
no data available

12.4 Mobility in soil

no data available

12.5 Results of PBT and vPvB assessment

no data available

12.6 Other adverse effects

General information: Discharge into the environment must be avoided.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Waste key number: 07 02 13 = Waste plastic

Recommendation: Dispose of waste according to applicable legislation.

Contaminated packaging

Recommendation: Dispose of waste according to applicable legislation. Do not remove label until container is thoroughly cleaned Non-contaminated packages may be recycled.

SECTION 14: Transport information

14.1 UN number

ADR/RID, IMDG, IATA: not applicable

14.2 UN proper shipping name

ADR/RID, IMDG, IATA: Not restricted

14.3 Transport hazard class(es)

ADR/RID, IMDG, IATA: not applicable

14.4 Packing group

ADR/RID, IMDG, IATA: not applicable

14.5 Environmental hazards

Marine pollutant: No

14.6 Special precautions for user

No dangerous good in sense of these transport regulations.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

no data available

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations - Great Britain**

Hazchem-Code: -

15.2 Chemical Safety Assessment

For this mixture a chemical safety assessment is not required.

SECTION 16: Other information**Further information**

Reason of change: Changes in section 7, 8, 10: General revision

Department issuing data sheet

Contact person: see section 1: Dept. responsible for information

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

This data sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, and which additional precautions may be necessary. All health and safety information contained in this data sheet should be provided to your employees and customers. It is your responsibility to develop appropriate workplace instructions and training programmes for employees.

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