

Tooltec CS5

Material number TooltecCS5

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

Trade name: Tooltec CS5

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

General use: Article: pressure sensitive tape

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

Frequently or prolonged contact with skin may cause dermal irritation.

Processing by heating can produce vapours.

Thermal breakdown of this product during fire or very high heat condition may evolve the following hazardous decomposition products:

Toxic gases/vapours: Eye, nose, throat and lung irritation.

SECTION 3: Composition / information on ingredients

3.1 Substances: not applicable

3.2 Mixtures

Chemical characterization: Polytetrafluorethylene with Silicone-adhesive

Additional information: Article: According to EC directives or the corresponding national regulations the product does not have to be labelled.

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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. Seek medical treatment in case of troubles.
In case of skin contact:	Thoroughly wash skin with soap and water. In case of skin irritation, consult a physician.
After eye contact:	Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. In case of troubles or persistent symptoms, consult an ophthalmologist.
After swallowing:	Not a probable route of exposure.

4.2 Most important symptoms and effects, both acute and delayed

In case of inhalation:
At > 260 °C: Inhaling hazardous decomposing products can cause serious health damage.
Frost, fever. Symptoms may occur with delay.
After contact with skin:
Frequently or prolonged contact with skin may cause dermal irritation.

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, foam, dry extinguishing powder, 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

Fires in the immediate vicinity may cause the development of dangerous vapours.
In case of fire may be liberated: silicon compounds, hydrogen fluoride, hydrofluorocarbons, 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: -

Use fine water spray to cool endangered containers. 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**

Avoid contact with skin, eyes, and clothing. Do not breathe vapours.

6.2 Environmental precautions

Do not allow to enter into ground-water, surface water or drains.

6.3 Methods and material for containment and cleaning up

Take up mechanically, placing in appropriate containers for disposal.

6.4 Reference to other sections

Refer additionally to chapter 8 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advices on safe handling: Provide adequate ventilation, and local exhaust as needed. Do not breathe vapours.
Avoid contact with skin and eyes.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:

Store container tightly closed in a dry area.

Recommended storage temperature: 20 - 25 °C.

Storage class: 11 = Combustible solids

7.3 Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Additional information: Contains no substances with occupational exposure limit values.

8.2 Exposure controls

In case of heating: Provide good ventilation and/or an exhaust system in the work area.

Occupational exposure controls

Respiratory protection: In case of heating: Combination filtering device (EN 14387).

Hand protection: Not required.

Eye protection: Tightly sealed goggles according to EN 166.

Body protection: In case of heating: Wear suitable protective clothing.

General protection and hygiene measures:

When using do not eat, drink or smoke.

Wash hands before breaks and after work.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance: Physical state: solid, (plastic film)

Colour: light up to dark grey

Odour: odourless

Odour threshold: no data available

pH value: no data available

Melting point/melting range: no data available

Boiling temperature/boiling range: no data available

Flash point/flash point range: no data available

Vapourisation rate: no data available

Flammability: no data available

Explosive properties: no data available

Explosion limits: no data available

no data available

Vapour pressure: no data available

Vapour density: no data available

Density: 2.1-2.3 g/cm³

Water solubility: insoluble

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

SECTION 10: Stability and reactivity**10.1 Reactivity**

refer to chapter 10.3

10.2 Chemical stability

Product is stable under normal storage conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known.

10.4 Conditions to avoid

Heating exceeding 260 °C

10.5 Incompatible materials

Strong oxidizing agents, acids, bases.

10.6 Hazardous decomposition products

In case of fire may be liberated: silicon compounds, hydrogen fluoride, hydrofluorocarbons, 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.

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Symptoms

In case of inhalation:

At > 260 °C: Inhaling hazardous decomposing products can cause serious health damage.

Frost, fever. Symptoms may occur with delay.

After contact with skin:

Frequently or prolonged contact with skin may cause dermal irritation.

SECTION 12: Ecological information**12.1 Toxicity****12.2. Persistence and degradability**

Further details: Product is not biodegradable.

Effects in sewage plants: The insoluble part can be precipitated mechanically in suitable sewage treatment plants.

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: Do not allow to enter into ground-water, surface water or drains.

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Product**

Waste key number: 07 02 17 = Waste containing silicones, containing fluorine

Recommendation: Incinerate according to applicable local, state and federal regulations.
Dispose of waste according to applicable legislation.**Contaminated packaging**

Recommendation: Waste key number 150101 - paper and cardboard packaging

Waste key number 150102 - Plastic packaging

Dispose of waste according to applicable legislation.

Non-contaminated packages may be recycled.

SECTION 14: Transport information**14.1 UN number**

not applicable

14.2 UN proper shipping name

ADR/RID, IMDG, IATA: Not restricted

14.3 Transport hazard class(es)

not applicable

14.4 Packing group

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

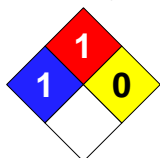
no data available

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

Hazchem-Code: -

National regulations - USA

Hazard rating systems:



NFPA Hazard Rating:

Health: 1 (Slight)

Fire: 1 (Slight)

Reactivity: 0 (Minimal)

HMIS Version III Rating:

Health: 1 (Slight)

Flammability: 1 (Slight)

Physical Hazard: 0 (Minimal)

Personal Protection: X = Consult your supervisor

HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0
	X

15.2 Chemical Safety Assessment

no data available

SECTION 16: Other information**Further information**

Reason of change: General revision

Date of first version: 25/05/2011

Department issuing data sheet

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

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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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