

1 - IDENTIFICATION OF THE PREPARATION AND THE COMPANY/BUSINESS**Identification of the substance or preparation**Name of product: TOOLTEC[®] A005, A007, A0012**Use of the substance / preparation**

Article: Pressure sensitive tapes

Company / undertaking identification

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Emergency telephone +352-582282-1 (8.00am – 5.00pm CET)**2 - IDENTIFICATION OF HAZARDS****Classification:** Article. According to EC directives or the corresponding national regulations there is no labeling obligation for this product.**Critical hazards:** Prolonged or repeated contact with the adhesive may cause skin irritation. Direct contact with fiberglass materials or exposure to airborne fiberglass dust may irritate the skin, nose and throat. Fibreglass can cause itching due to the mechanical irritation from the fibres.

At elevated processing temperatures or if involved in a fire, the fluoropolymer starts to degrade and emit vapors which may represent a hazard when inhaled. Eye, nose, throat and lung irritation can occur from such vapors.

3 – COMPOSITION/INFORMATION ON INGREDIENTS**Product class:** Pressure sensitive tape made of fibreglass fabric coated with PTFE and silicone adhesive.**4 - FIRST AID MEASURES****Skin contact:** Rinse with water and soap. In case of skin irritation, rash or itching persist, seek medical treatment.**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:** Not a probable route of exposure.**Ingestion:** Not a probable route of exposure.**5 - FIRE-FIGHTING MEASURES****Suitable extinguishing media:** Water fog, carbon dioxide, foam, dry chemical. Use water spray to cool fire exposed surfaces.**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:** product is incombustible, but if other fuel is present, toxic fumes will be given off above 500°C.**Special protective equipment:** In the event of fire, wear a self-contained breathing apparatus and complete personal protective equipment.

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: This product, when used under reasonable conditions or in accordance with Airtech recommendations, should not present a health and safety hazard. Edges of material are sharp and can produce cuts, particularly if material is being rewound or slit at high speed.

Storage: Store in a cool, dry place at 20-25°C.

8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION

Exposure limit values: In the case that fibreglass dust is generated during mechanical processing, it is recommended to observe following limits for dust.

TWA (Great Britain): 10 mg/m³ (inhalable dust)

TWA (Great Britain): 4 mg/m³ (respirable dust)

OSHA PEL: 15 mg/m³ (Total nuisance dust)

OSHA PEL : 5 mg/m³ (Respirable nuisance dust)

Exposure controls: see information in chapter 7, section storage. Overall room ventilation and/or local exhaust is recommended when the product is heated

Occupational exposure controls:

Respiratory protection: None required under normal conditions of use. In case of overheating or combustion, use an approved respirator.

Skin protection: Gloves are recommended due to the sharp edges of the material.

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:	Light to dark gray tape
Odor:	None
pH:	Not applicable
Solubility in water:	Insoluble.
Boiling point:	Not applicable – Non-burning
Flash point:	Not applicable
Specific gravity:	No data

10 - STABILITY AND REACTIVITY

Conditions to avoid: Heating above 260°C without adequate ventilation.

Materials to avoid: Oxidizing agents, strong bases and acids, molten alkali metals.

Hazardous decomposition products: Polymer fumes (Hydrogen fluoride and perfluorohydrocarbons) above 260°C which may cause flu-like symptoms. Solid material will not support combustion, but if other fuel is present, toxic fumes are generated.

Additional information: Product is stable under normal handling and storage conditions.

11 - TOXICOLOGICAL INFORMATION

After inhalation: Inhalation of fumes from heating over 260°C may cause polymer fume fever. This presents flu-like symptoms which may include chills and fever. Symptoms may not appear for several hours after exposure and normally disappear within 24 hours.

After skin contact: frequently or prolonged contact with skin may cause dermal irritation.

12 - ECOLOGICAL INFORMATION**Ecotoxicity:**

Water hazard class: 1 = mild water pollutant

Persistence and degradability:

Product is not biodegradable.

The insoluble part can be disposed of mechanically in suitable waste water cleaning plants.

Additional ecological information:

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

13 - DISPOSAL CONSIDERATIONS

European waste key number: 101103 = waste glass-based fibrous materials

Disposal recommendations: Where possible, recycling is preferred to landfill or incineration. Disposal must be done in compliance with local, state and federal regulations.

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**Classification:**

Code letter and hazard symbol: not applicable.

R phrase (s): not applicable.

S phrase (s): not applicable.

National regulations – EC member states:

Volatile organic compounds (VOC): 0% by weight.

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.

As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this material. The information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations but all statements or suggestions are made without warranty, express or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.