

Safety Data Sheet

According to Regulation (EG) 1907/2006 (REACH)



Moderne Kunststoff-Technik

Gebr. Eschbach GmbH

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Date / Revision am: 28.11.2013

Version 3-TS

ALPHA-TAPE® ZERO PP edge banding

Chapter 1: Identification of the substance/mixture and of the company

1.1. Product identifier

Product name: **ALPHA-TAPE® ZERO PP edge banding**

1.2. Relevant identified uses of the substance or mixture and uses advised against: None known

Application: Thermo-plastic edge banding for the furniture industry

1.3. Details of the supplier of the safety data sheet

Company: MKT Moderne Kunststoff-Technik
Gebrüder Eschbach GmbH
Herrenhöfer Landstraße 2
D-99885 Ohrdruf
Phone: +49(0)3624 / 36923
Fax: +49(0)3624 / 313708
email: info@mkt-gmbh.com

Specialist contact: Mr. Heiko Ilg Phone: +49(0)3624/3692-708
h.ilg@mkt-gmbh.com

1.4. Emergency number

Emergency advice: Phone: +49(0)3624 / 36923 (Mon-Fri 8am to 4pm)

Chapter 2: Possible risks

2.1. Classification of the substance or mixture:

None

This product is pursuant to the criteria of the CLP regulation (EG) No. 1272/2008 and the directives 67/548/EEC and 1999/45/EEC respectively classified as non-hazardous.

2.2. Identification elements:

None

2.3. Other risks:

See section 7.1

Chapter 3: Composition/Information on components

3.1. Substances:

Not applicable. This product is defined in terms of the REACH regulation (EG) 1908/2006 as an article.

3.2. Mixtures:

Not applicable. This product is defined in terms of the REACH regulation (EG) 1908/2006 as an article.

Chemical characteristics: Extruded PP profile (PP=Polypropylene) CAS No. 9003-07-0

Hazardous ingredients: not subject to declaration

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Chapter 4: First-aid measures

4.1. Description of first-aid measures

After inhalation:	No particular measures required After inhaling decomposition products: Rest, fresh air, medical aid
After skin contact:	No particular measures required After contact with molten material cool rapidly under cold water
After swallowing:	See a doctor (possible mechanical blocking in gastrointestinal tract)
After eye contact:	No particular measures required After eye contact with chipping products (dust) flush eyes with plenty of water and consult a doctor

4.2. Most important symptoms and effects, both acute and delayed:

None identified.

4.3. Indication of any medical attention and special treatment:

None

Chapter 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media: water, dry chemical powder, carbon dioxide, foam

Unsuitable extinguishing media for safety reasons: None

5.2. Special hazards arising from the substance or mixture

May be released in case of fire:	Carbon dioxide (CO ₂) and water
Furthermore, in small quantities may occur:	Carbon monoxide, monomers and other flammable gases or vapors

5.3. Instructions for firefighting

Special protective equipment:	In case of fire wear self-contained breathing equipment
Particular risks caused by fire and explosion:	Mechanical crushing and pneumatic conveying of chipped products may form combustible dust. Accumulation of dust and electrostatic charging shall be avoided.
Additional information:	Dispose of fire residues and contaminated extinguishing water in accordance with local regulations

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Chapter 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No measures necessary beyond the scope of general hygiene regulations at work.

6.2. Measures for environmental protection

No measures necessary beyond the scope of general regulations for environmental protection.

6.3. Methods and material for containment and cleaning up

Measures for cleaning up/taking up: Take up mechanically

6.4. Reference to other chapters

Observe general protective measures in chapter nos. 7, 8 and 13.

Chapter 7: Handling and storage

7.1. Precautions for safe handling

Handling:

In crushing (chipping) observe regulations for dust explosion hazards. Accumulation of dust and electrostatic charge to be avoided.

In extreme overheating the material gaseous decomposition products may be released (cf. Chapter 5 Fire-fighting measures).

Protecting against cuts is recommended

7.2. Conditions for safe storage, including any incompatibilities

Storage:

Store cool and dry; protect against direct sunlight
Avoid extreme heat and ignition sources (sparks, open flames)

7.3. Specific end uses

For more detailed information, please, refer to our technical data sheet.

Chapter 8: Limitation and monitoring of exposure/Personal protective equipment

8.1. Control parameters

None

8.2. Limitation and monitoring of exposure

Personal protective equipment:

Respiratory protection:

In the case of respirable dust: use filter P1 (for solid particles)

Eye protection:

In shredding processes wear protective goggles

General:

Develop good personal hygiene. Do not eat or leave food in working areas.

Hand protection:

Protective gloves according to national regulations

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Chapter 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form:	Profile
Color:	Different according to coloration
Smell:	Odorless
Softening temperature:	> 88°C (ISO306)
Ignition temperature:	No data available
Density:	0.9 to 1.2 g/cm ³ (depending on coloration)
Water solubility:	In practice insoluble
Solubility in other solvents:	Soluble in polar solvents

Other physical and chemical data, e.g. pH-value, boiling point, flashpoint and vapor pressure have not been determined, as they are irrelevant for the product.

9.2. Other information

For more information, please, refer to our technical data sheet.

Chapter 10: Stability and reactivity

10.1. Reactivity:

The product is under usual conditions inert.

10.2. Chemical stability:

The product is chemically stable.

10.3. Possibility of hazardous reactions:

When used according to instructions, hazardous reactions are not to be expected.

10.4. Conditions to avoid:

To avoid thermal decomposition do not overheat.
Decomposition occurs at temperatures above 300°C.

10.5. Incompatible materials:

Strong oxidizing agents

10.6. Hazardous decomposition products:

See 5.2.

Chapter 11: Toxicological information

11.1. Information on toxicological effects:

No data available.

When appropriately used and handled according to instructions as per our experience and information the product does not cause any harmful effects on health.

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Chapter 12: Environmental information

12.1. Toxicity:

No data available.

In view of its consistency and insolubility of the product in water bioavailability is unlikely.

12.2. Persistence and degradability:

No data available.

12.3. Bioaccumulation potential:

No data available.

In view of its consistency and insolubility of the product in water bioavailability is unlikely.

12.4. Mobility in soil:

No data available.

12.5. Results of PBT and vPvB assessment:

According to the available data criteria for PBT and vPvB assessment respectively are not fulfilled.

12.6. Other adverse effects:

No data available.

Chapter 13: Instructions on disposal

13.1 Waste treatment methods:

Must be disposed of according to local regulation e.g. on a suitable dump or incineration plant.

Non-contaminated material can be recycled.

Waste code: 07 02 13 Plastic waste

Chapter 14: Transport information

14.1. UN number

Not classified as dangerous goods according to transport regulations.

14.2. UN proper shipping name

Not classified as dangerous goods according to transport regulations.

14.3. Transport hazard class

Not classified as dangerous goods according to transport regulations.

14.4. Packing group

Not classified as dangerous goods according to transport regulations.

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14.5. Environmental hazards

Not classified as dangerous goods according to transport regulations.

14.6. Special precautions for user

See chapters 6 to 8.

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

Not applicable.

Chapter 15: Legislation

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:

No applicable EU regulations.

National regulations:

Water hazard class:

Not hazardous to water

(Germany, self-classification)

15.2. Chemical safety assessment:

The product has not been examined in a safety assessment.

Chapter 16: Other information

Amendments to the last version:

Adaptation to regulation (EU) No. 453/2010 in all chapters

The aforementioned information in this safety data sheet is based upon information of our raw materials suppliers and our knowledge and experience to date. The safety data sheet describes the product with regards to safety requirements. The information is in no way to be considered as description of the quality of the merchandise (product specification). It does not represent any assurance of characteristics. Existing laws and regulations as well as possible property rights must be observed by the recipient and user of our products on its own responsibility.

End of the safety data sheet.