

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

1.1. Product identifier

Product name: **ALPHA-TAPE® ABS 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
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Fax: +49(0)3624 / 313708
E-Mail: info@mkt-gmbh.com
customerservice@mkt-gmbh.com

Specialist contact:

1.4. Emergency number

Emergency advice: Phone: +49(0)3624 / 3692-3 (Monday – Friday 8 am to 4 pm)

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 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 ABS profile CAS No. 9003-56-9

Hazardous ingredients: not subject to declaration

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, soot, styrene, 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

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 hygiene regulations at work.

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

Chapter 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form: Profile
Color: Different according to coloration
Smell: Type specific
Softening temperature: > 90°C (ISO306)
Ignition temperature: No data available
Density: 1,06 to 1,2 g/cm³ (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.

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

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**

Acute toxicity:	Based on available data, the classification criteria are not met.
Carcinogenicity, mutagenicity and toxicity for reproduction (CMR):	Based on available data, the classification criteria are not met.
Specific target organ toxicity (STOT), single / repeated exposure:	Based on available data, the classification criteria are not met.
Aspiration hazard:	Based on available data, the classification criteria are not met.
Additional toxicological information:	The inhalation of dust / mist may result in respiratory tract irritation.

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

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.

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**

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

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.