UDMAX Tapes
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MATERIAL SAFETY DATA SHEET

1. INDENTIFICATION PRODUCT AND COMPANY

Trademark:	UDMAX^{tm} GHDPE Tape
General Product Name:	Continuous Glass-fiber Reinforced Polyethylene Tape
Common names:	Glass-fiber PE Tape
Common uses:	Plastics Reinforcement, continue fiber reinforced products
Product Code:	GHDPE products with XP designation
Product Description	Unidirectional continuous Glass-fiber reinforced Tape with a thermoplastic binder
Identified uses:	Plastic Processing Industry
Reach registration number:	This product is a mixture and therefore not directly subject of registration requirements under Reach
Producer Details:	UDMAX Tapes OSB 4. Cad. No: 4 26110 Eskisehir Turkey
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Company details updated: 28 September 2026. Original safety revision retained.

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2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation 1272/2008/EC (CLP)

Not a hazardous substance or preparation according to Regulation 1272/2008 (CLP)

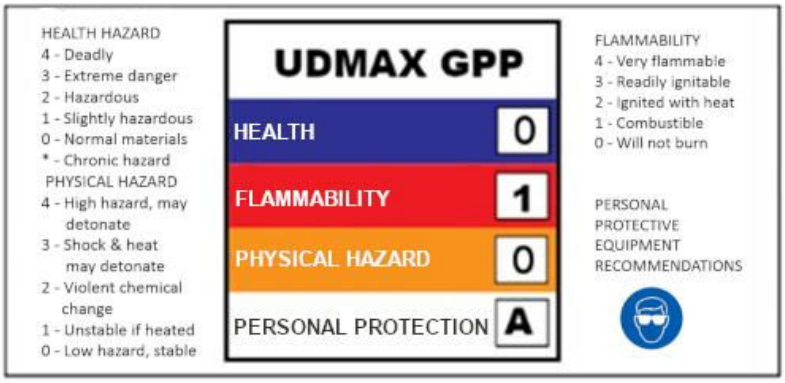
2.2 Label elements (1272/2008/EC)

Not required.

2.3 Other Hazards

The mixture does not meet the criteria for PBT / vPvB according to REACH, Annex XIII.

2.4 Label



According to the HMIS system (American Coating Association)

Caption: see enclosure

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization:
Long-fiber-reinforced thermoplastics.
Basic material Polyethylene.
(CAS-9002-88-4) reinforced with glass fiber (CAS 65997-17-3)

3.1 Substances: Not applicable.

3.2 Mixtures: See Chemical characterization.

4. DESCRIPTION OF FIRST AID MEASURES

On contact with eyes

- Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
- Do not rub or scratch eyes.
- If eye irritation persists, consult a specialist.

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On skin contact
Cool skin rapidly with cold water after contact with molten polymer. Do not peel solidified product off the skin. Immediate medical attention is required.
If inhalation
In case of upper respiratory tract irritation:

- Move to fresh air
- If symptoms persist, call a physician

4. 1 Most important symptoms and effects, both acute and delayed
Main symptoms: None known.
4.2 Indication of any immediate medical attention and special treatment needed
Treat symptomatically.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media / Suitable extinguishing media
Water, Foam, Dry powder.
5.2. Special hazards arising from the substance or mixture

- Carbon monoxide
- Carbon dioxide (CO2)

5.3 Advice for firefighters

- Special protective equipment for fire-fighters
- Wear self-contained breathing apparatus and protective suit

5.4 Other Information
Keep people away from and upwind of fire. Dust can form an explosive mixture in air

6. ACCIDENTIAL RELEASE MEASURES

6. 1 Personal precautions, protective equipment and emergency procedures
Do not breathe dust. Avoid dust formation. Non-processed plastified hot materials and arising cakes should be cooled down basically in a water basin, otherwise there threatens a danger of thermal-oxidative decomposition.
6.2 Environmental precautions
No special environmental precautions required.
6.3 Methods and material for containment and cleaning up
Use mechanical handling equipment. Dispose of in accordance with local regulations.
6.4 Reference to other sections
Consider the information for "Personal Protection" in chapter 8 of this Safety Data Sheet. Consult trained personnel.

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7. HANDELING AND STORAGE

7.1 Precautions for safe handling:

Hygiene measures

Do not inhale dust particles, during processing glass or glass dust particles are set free and cause irritation to the respiratory passage.

Advice on safe handling

Do not handle hot or molten material without appropriate protective equipment. Do not exceed recommended process temperatures to minimize release of decomposition products. Provide appropriate exhaust ventilation at machinery and at places where dust can be generated. Maintain good housekeeping in work areas.

Incompatible products

Strong bases.

Protection - fire and explosion

Do not smoke in areas where polymer dust is present. Appropriate measures should be taken to control the generation and accumulation of dust during conveying and processing operations.

7.2. Conditions for safe storage, including any incompatibilities:

Material storage

Keep in a dry, cool place. Maintain dryness of resin. Take measures to prevent the build-up of electrostatic.

charge. Maximum storage temperature 40°C.

Incompatible products

Strong oxidizing agents

Technical measures/Storage conditions

Keep away from direct sunlight.

German storage class

11: Combustible solids.

7.3. Specific end use(s):

None known.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

National occupational exposure limits

Components TWA

Respirable Dust 4 mg/m³

Total Dust 10 mg/m³

DNELs This product is a mixture and therefore not directly subject of the registration requirements under REACH.

PNECs This product is a mixture and therefore not directly subject of the registration

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requirements under REACH.

8.2. Exposure controls

Engineering measures General

May not be adequate as the sole means to control employee exposure.

Local Exhaust: Recommended when appropriate to control employee exposure to dust or process vapours.

Personal protective equipment

General advice:	Avoid contact with skin and eyes.
Hygiene measures:	Do not inhale dust particles, during processing glass or glass dust particles are set free and cause irritation to the respiratory passage.
Respiratory protection:	In case of insufficient ventilation wear suitable respiratory equipment.
Skin protection:	Avoid contact with skin.
Hand protection:	Polyvinyl alcohol or nitrile- butyl-rubber gloves.
Suitable material;	Butyl-rubber
Type;	Butoject (Company KCL) or comparable article, or refer to glove manufacturer's recommendation
Evaluation;	According to EN 374, Type A
Material thickness;	Approx. 0,3 mm
Break through time;	480 min

Environmental exposure controls

Do not discharge into the drains/surface waters/groundwater.

Environmental Precautions

Should not be released into the environment.

9. PHYSICAL AN CHEMICAL PROPORTIES

9.1 Information on basic physical and chemical properties

Appearance:	White, Black or Coloured
Physical State:	Tape / Sheet
Melting point:	120 - 140°C
Odor:	Slight, specific
Decomposition temperature:	> 300°C
Ignition temperature:	> 390°C
Density:	1.5 – 1.8 @20°C
Water solubility:	Insoluble

9.2 Other information

The products was not tested for the properties not listed on the MSDS.

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10. STABILITY AND REACTIVITY

10.1. Reactivity
Stable under normal conditions.
10.2. Chemical Stability
Stable under normal conditions.
10.3. Possibility of hazardous reactions
None anticipated.
10.4. Conditions to avoid
Flame.. Prolonged heating at temperatures above 250°C / 482°F.
10.5. Incompatible Materials
Strong oxidizing agents.
10.6. Hazardous decomposition products
Thermal decomposition products may include oxides of carbon..

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects
Toxicological data are not available. When handled appropriately, even after long years of experience with these products, no adverse health effects are known.

Acute toxicity
Not relevant.

Local effects
Dusts and fibres may cause mechanical irritation to eyes and skin. The irritation disappears when the exposure ceases.
Mechanical irritation is not considered as a health hazard in the meaning of European directive 67/548/EC on hazardous substances. Continuous filament glass fibres do not require a classification as an irritant (XI) under the European directive 97/69/EC.
Inhalation may cause coughing, nose and throat irritation and sneezing. High exposures may cause difficult breathing, congestion and chest tightness.

Long term health effects
Continuous filament glass fibres are not respirable according to the World Health Organization (WHO) definition.
Respirable fibres have a diameter (d) smaller than 3µm, a length (l) larger than 5µm and a l/d-ratio larger than or equal to 3. Fibres with diameters greater than 3 microns, which is the case for continuous filament glass fibre, do not reach the lower respiratory tract and, therefore have no possibility of causing serious pulmonary disease.
Continuous filament glass fibres do not possess cleavage planes which would allow them to split length-wise into fibres with smaller diameters, rather they break across the fibre, resulting in fibres which are of the same diameter as the original fibre with a shorter length and a small amount of dust.

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Microscopic examination of dust from highly chopped and pulverised glass demonstrated the presence of small amounts of respirable dust particles. Among these respirable particles, some were fibre-like in terms of l/d ratio (so-called “shards”). It can be clearly observed however that they are not regular shaped fibres but irregular shaped particles with fibre-like dimensions. To the best of our knowledge, the exposure levels of these fibre-like dust particles measured at our manufacturing plants are of the order of magnitude between 50 to 1000 below existing applicable limits.
Continuous filament glass fibres are not carcinogenic (see section 15)

12. ECOTOXICOLOGICAL INFORMATION

Ecotoxicity
The effects of crushed tape on the wildlife that may ingest them is not well understood. In the case of seabirds, some marine biologists believe that the fowl may not be able to pass particles of crushed tape through their digestive tracts. Thus, large quantities of ingested material may cause intestinal blockage, false feelings of satiation or reduction in absorption of nutrients, causing malnutrition and starvation. The goal of SPI's Operation Clean Sweep is zero loss of crushed tape into the environment.
Environmental Fate/Information
This material is considered to be non-biodegradable. Do not discharge product unmonitored into the environment.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Product information
Disposal required in compliance with all waste management related state and local regulations. The choice of the appropriate method of disposal depends on the product composition by the time of disposal as well as the local statutes and possibilities for disposal.
European Waste Catalogue
070213 Waste plastic.
Uncleaned empty packaging
Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

14. TRANSPORT INFORMATION

Transport Classification
Not regulated as hazardous for shipment under the current transportation guidelines.

ADR/RID:	Not regulated
ADN:	Not regulated
ICAO/IATA:	Not restricted
IMDG:	Not regulated

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15. REGULATORY INFORMATION

15.1. Safety, Health and Environmental regulations/legislation specific for the substance or mixture
Water Hazard Class (WGK)

WGK Class:	nWg
WGK Reg. No.:	766
WGK Source:	Classification according to VwVwS, Annex 1 or 2

15.2 Chemical Safety Assessment

Chemical Safety Assessment (CSA) is not required.

Authorization - Reach Regulation, Title VII: This substance does not meet the criteria

16. OTHER INFORMATION

Observe national and local legal requirements.

Except as otherwise noted, all of the trademarks referenced herein are owned by UDMAX™Tapes.

Training advice

When wearing a breathing apparatus, the need for appropriate training needs to be considered. Make sure that employees are aware of the hazards / risks as detailed on this Safety Data Sheet.

Sources of key data used to compile the datasheet

Information contained in this safety data sheet is based on UDMAX™Tapes owned data and public sources deemed valid or acceptable.

Further information

This information is based on our present state of knowledge. It shall describe our products regarding safety requirements and shall not be construed as a guarantee or statement of condition and/or quality.

Abbreviation and Acronym

ADR=	Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
CAS=	Chemical Abstracts Service (division of the American Chemical Society)
CLP=	Classification, Labelling and Packaging
DNEL=	Derived No Effect Level
EINECS=	European Inventory of Existing Commercial Chemical Substances
GHS=	Globally Harmonized System of Classification and Labelling of Chemicals
HMIS=	Hazardous Material Identification System
IATA=	International Air Transport Association
IBC Code=	International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk
ICAO=	International Civil Aviation Organization
IMDG=	International Maritime Code for Dangerous Goods

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Enclosure

HMIS classification:

A	Safety Glasses
B	Safety Glasses, Gloves
C	Safety Glasses, Gloves, Apron
D	Face Shield, Gloves, Apron
E	Safety Glasses, Gloves, Dust Respirator
F	Safety Glasses, Gloves, Apron, Dust Respirator
G	Safety Glasses, Gloves, Vapor Respirator
H	Splash Goggles, Gloves, Apron, Vapor Respirator
I	Safety Glasses, Gloves, Dust and Vapor Respirator
J	Splash Goggles, Gloves, Apron, Dust and Vapor Respirator
K	Air Line Hood or Mask, Gloves, Full Suit, Boots
X	Ask supervisor or safety specialist for handling instructions