



Glass wool filled PP filament for 3D printer

Safety Data Sheet (SDS)

Section 1 Products and Company Identification

Product name : 3D magic 「Glass Wool filled polypropylene filament」

Purpose : Filament for FDM 3D printer

Supplier's details

Company : Nanodax Co., Ltd <https://www.nanodax.jp>

Address : 2-22-3 Annex West 4F, Arakawa, Tokyo, 116-0013, Japan

Section in charge : Sales department / Sato (Mr.)

Phone No : +81-3-6806-8501 FAX No : +81-3-6806-8502

E-mail : sato@nanodax.jp

Section 2 Hazard Identification

GHS Classification

Physical and chemical hazards Classification not possible

Health hazards

Acute toxicity (oral) Classification not possible

Acute toxicity (dermal) Classification not possible

Acute toxicity (gas) Classification not possible

Acute toxicity (vapor) Classification not possible

Acute toxicity (dusts & mists) Classification not possible

Skin corrosion/irritation Classification not possible

Serious eye damage/eye irritation Classification not possible

Respiratory sensitization Classification not possible

Skin sensitization Classification not possible

Germ cell mutagenicity Classification not possible

Carcinogenicity Classification not possible

Reproductive toxicity Classification not possible

Specific target organ toxicity (single exposure) Classification not possible

Specific target organ toxicity (repeated exposure) Classification not possible

Aspiration hazard	Classification not possible
Environmental hazards	
Hazards to the aquatic environment (acute)	Classification not possible
Hazards to the aquatic environment (chronic)	Classification not possible
Hazards to the ozone layer	Classification not possible
GHS Label elements	
Pictograms	No
Single words	No
Hazard statement	No
Precautionary statements	
Handling and Storage	Refer to Section 7
First-Aid	Refer to Section 4
Disposal	Refer to section 13

Section 3 Composition / Information on ingredients

Substance or Mixture : Mixture

Grade	Composition	Content (%)	CAS No.
3D magic	Polypropylene	80%~90%	9010-79
	Glass wool	10%~20%	65997-17-3

Section 4 First-Aid measures

Inhalation	Blow nose and gargle. In case inhaled gases emitted from hot resin, move The person to a fresh air and keep at rest and worm covering the body with A blanket. Seek medical attention immediately.
Skin contact	Remove all contaminated clothing and shoes immediately. Wash contacted Area with water or lukewarm water. Call a doctor if changes in physical Appearance or prolonged pain. If molten product adheres, cool well by sprinkling Plenty of water over the clothing, subsequently remove the clothing and cover Clean gauze. Seek medical attention. Do not remove adhesion things by force.
Eye contact	Do not touch eyes and avoid closing eyes tightly. Rinse the eyes with clean Water at least 15 minutes and seek a medical advice. Open the eyelids well by Fingers when rinse the eyes so that all area of the eyeballs and eyelids are rinsed. Remove contact lenses if present before rinse the eyes unless adhere hardly.
Ingestion	Rinse mouth with water. Keep the person at rest and worm by covering the Body with a blanket. Seek medical attention immediately. Try artificial respiration

Or give oxygen if appropriate. When breathing and vomiting, head is laid.

Do not give anything from the mouth or try not to vomit in case of lost conscious.

Section 5 Fire-Fighting measures

Extinguish agent	Plenty of water, Fire foam/powder, carbon dioxide
Special note for fire-fighters	Use appropriate protective wear so as to prevent inhalation of Smoke. Because gases may contain toxic gases such as carbon Mono-oxide.
Specific hazards /Toxicity at fire	May emit gases containing carbon mono-oxide, carbon dioxide Nitrogen oxide, styrene.
Protection of fire-fighters	Use respiratory protective equipment (gloves,glasses,masks,etc) Take action from the windward and prevent inhalation of toxic gases.

Section 6 Accidental release measures

Personal precaution	Use protective wear and clean to prevent slipping.
Environmental notes	Do not release into rivers or sewage.
Removal method	Sweep with vacuum cleaner and dispose of properly.

Section 7 Handling and storage

Note

Keep away from heat, sparks and flame, use with adequate ventilation.

Do not get into eyes.

Safety precaution

Wear protective gloves/ clothing/ glasses.

Storage

Keep in a well-ventilated place and container tightly closed.

Section 8 Exposure controls / personal protection

Control level	Not specified
---------------	---------------

Individual protection measure

- for hand : wear protective gloves
- for eye : wear protective resin-made glasses and goggles
- for skin and body : wear long sleeves clothing

Section9 Physical and chemical properties

Appearance

Physical form	:	filament
Color	:	slightly yellowish white
Odor	:	no odor
pH	:	not applicable
Melting point	:	155°C~170°C
Flash point	:	no information
Ignition point	:	no information
Decomposition point	:	no information
Solubility	:	insoluble for water
Radioactive	:	no information

Section 10 Stability and reactivity

Stability	stable under normal storage and handling condition
Incompatible materials	strong oxidizing agents, strong acids, strong bases have the danger Of fire and explosion.
Condition to avoid	high temperature heating outside the operating temperature

Section 11 Toxicological information

Acute toxicity	:	no information
Skin sensitization	:	no information
Germ cell mutagenicity	:	no information
Carcinogenicity	:	no information
Reproductive toxicity	:	no information
Specific target organ toxicity (single/repeated exposure)	:	no information
Aspiration hazard	:	no information

Section 12 Ecological information

Toxicity

Aqueous toxicity	:	no information
Persistence and degradability	:	no information
Ecological accumulation	:	no information
Mobility in soil	:	no information
Hazard to the ozone layer	:	no information

Section 13 Disposal consideration

Waste treatment method : Dispose of the material or used material should be
In accordance with applicable laws and ordinances.

Section 14 Transport information

UN classification and NO : Not specified
Precaution : Avoid getting wet and violent handling of packaging.
Pay attention for loading not to tumble down, falling
Down or damage and ensure no collapse.

Section 15 Regulatory information

Poisonous and deleterious substances control law : Not applicable
Pollutant release and transfer register (PRTR law) : Not applicable
Industrial safety and health law (Article 57-2)
: The products contain the following chemical substances subjected to notification (No 323)
Law of chemical substitution : Not applicable
The fire defense law : Designated as flammables (3,000kg or above in storage)
Ship safety law : Not applicable

Section 16 Other information**Limited liability**

This information pertains to this particular material and is invalid when this material is combined with other materials .

This information is accurate to the best of our knowledge but we can not take any responsibility for the accuracy or completeness of the content. The responsibility for final decision to properly Use all materials is only for users.

All materials have unknown risks and require careful handling. Although specific risks are described here, we can not guarantee that no other dangers exist.
