

SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200:2012, ANSI Z400.1-2010, and ISO 11014-1: 2009



FILAMENT NOCTUO ABS-MMA

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

Supplier and manufacturer:

Noctuo Sp. zo.o.
ul. Sowińskiego 5
44-121 Gliwice, Polska

Product Name:

Filament Noctuo ABS-MMA

Intended use:

FDM 3d printing material

2. HAZARDS IDENTIFICATION

Hazard classification

Not applicable

Label elements

Hazard pictograms

Not applicable

Signal word

None

Hazard statements

Not applicable

Precautionary statements

Not applicable

Other hazard

According to experience and information provided, this product does not affect harmful effects when using and handling it as a regulation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	Common Name	CAS. No.	Content %:
2-Methyl-2-propenoic acid methyl ester polymer with 1,3-butadiene, ethenylbenzene and 2-propenenitrile	2-Propenoic acid, 2-methyl-, methyl ester, polymer with 1,3-butadiene, ethenylbenzene and 2-propenenitrile, Polymer, 2-propenoic acid, methyl ester, 2-methyl-, 1,3-butadiene, ethenylbenzene and 2-propenenitril, Acrylonitrile-butadiene-methyl methacrylate-styrene copolymer	9010-94-0	>=99 ~ < =99.9

4. FIRST AID MEASURES

First Aid - Inhalation

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

First Aid - Skin

Get medical attention if irritation develops and persists. Remove contaminated clothing and shoes.

First Aid - Eye

Call a physician immediately.

First Aid – Ingestion

If accidentally swallowed obtain immediate medical attention.

Delayed and immediate effects and also chronic effects from short and long term exposure

No data available.

Advice to physician

In the case of accident or if you feel unwell, seek medical advice immediately.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

Do not use a solid water stream as it may scatter and spread fire.

Special hazards arising from the substance or mixture

Pyrolytic product

No data available

Risk of fire and explosion

Heating or fire can release toxic gas.

Other

May cause toxic effects if inhaled.

Special protective equipment for firefighters

In the event of fire, wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Avoid dust formation.

Environmental precautions

In the event of fire, wear self-contained breathing apparatus.

Methods and material for containment and cleaning up

Keep in suitable, closed containers for disposal. Pick up and arrange disposal without creating dust.

7. HANDLING AND STORAGE

Precautions for safe handling

For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area.

Conditions for safe storage, including any incompatibilities

Please note that materials and conditions to be avoided. Store in a dry place. Store in a closed container.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical exposure limits, Biological exposure standard

Contains no substances with occupational exposure limit values.

Appropriate engineering controls

Ensure adequate ventilation and exhaust ventilation at the workplace.

Personal protective equipment

Respiratory protection

If you have a direct contact or exposed to the material, wear the appropriate form of respiratory protection certified.

Skin protection

Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection

Eye protection

If the work environment or activity involves dusty conditions, mists or aerosols, wear the appropriate goggles.

Hand protection

Wear chemical safety gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical form	Solid
Odor	Odorless
ph	No data available
Flash point	No data available
Decomposition temperature	400 °C over
Melting point	No data available
Initial boiling point and boiling range	No data available
Evaporation rate	No data available
Flammability	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density	No data available
Self-ignition temperature	No data available
Solubility	Insoluble
Viscosity	No data available
Molecular weight	No data available
Specific gravity	1.1 – 1.3

10. STABILITY AND REACTIVITY

Chemical stability and possibility of hazardous reactions

No decomposition if stored and applied as directed. Stable at normal ambient temperature and pressure.

Conditions to avoid

Follow precautionary advice and avoid incompatible materials and conditions.

Incompatible materials

Combustible material

Hazardous decomposition products

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regula

11. TOXICOLOGICAL INFORMATION

Information on the likely routes of exposure

No data available

Health hazard information

Acute toxicity

- Acute toxicity(Oral) PRODUCT : Not classified
No data available
- Acute toxicity(Dermal) PRODUCT : Not classified
No data available
- Acute toxicity(Inhalation:Gases) PRODUCT : Not classified
No data available
- Acute toxicity(Inhalation:Vapours) PRODUCT : Not classified
No data available
- Acute toxicity(Inhalation:Dust/mist) PRODUCT : Not classified
No data available

Skin corrosion/irritation PRODUCT : Not classified

2-Methyl-2-propenoic acid methyl ester polymer with 1,3-butadiene, ethenylbenzene and 2-propenenitrile :
It causes skin irritation.

Serious eye damage/eye irritation PRODUCT : Not classified

2-Methyl-2-propenoic acid methyl ester polymer with 1,3-butadiene, ethenylbenzene and 2-propenenitrile :
It causes eye irritation

Respiratory sensitization PRODUCT : Not classified

No data available

Skin sensitization PRODUCT : Not classified

No data available

Carcinogenicity PRODUCT : Not classified

No data available

Germ cell mutagenicity PRODUCT : Not classified

No data available

Reproductive toxicity PRODUCT : Not classified

No data available

Specific target organ toxicity single exposure PRODUCT : Not classified

2-Methyl-2-propenoic acid methyl ester polymer with 1,3-butadiene, ethenylbenzene and 2-propenenitrile :
Inhalation Irritating to pray

Specific target organ toxicity repeated exposure PRODUCT : Not classified

No data available

Aspiration hazard PRODUCT : Not classified

No data available

12. ECOLOGICAL INFORMATION

Ecotoxicity

No data available

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects

No data available

13. DISPOSAL CONSIDERATION

Disposal methods

Empty containers should be taken to an approved waste handling site for recycling or disposal.

Precautions (including disposal of contaminated container of package)

Dispose of in accordance with local regulations. Send to a licensed waste management company.

14. TRANSPORT INFORMATION

UN No.

Not applicable

Proper shipping name

Not applicable

Hazard class

Not applicable

Packing group

Not applicable

Marine pollutant

No

Special precautions for user related to transport or transportation measures

Emergency measures in the effluent : Not applicable

Emergency measures in case of fire : Not applicable

ADR

Tunnel restriction code : Not applicable

IMDG

Marine pollutant : No

Air transport(IATA)

UN No. : Not applicable

Proper shipping name : Not applicable

Class or division : Not applicable

Packing group : Not applicable

15. REGULATORY INFORMATION

Australia Industrial Chemicals Act

Not applicable

China Inventory of Existing Chemical Substances (IECSC)

- Inventory - China - Inventory of Existing Chemical Substances (IECSC)
 - 2-Methyl-2-propenoic acid methyl ester polymer with 1,3-butadiene, ethenylbenzene and 2-propenenitrile Present [03915] 92/32/EEC
- Not applicable

European Union Official Journal of the European Communities 15 June 1990 - Annex Based on Article 13 of Directive 67/548/EEC Amended by Directive 79/831/EEC

Not applicable

Japan Law Concerning the Examination and Regulations of Manufacture, etc. of Chemical Substances

- Inventory - Japan - Existing and New Chemical Substances (ENCS)
- 2-Methyl-2-propenoic acid methyl ester polymer with 1,3-butadiene, ethenylbenzene and 2-propenenitrile : (6)- 183 (the weight of Acrylonitrile must be 2% or less, listed under Copolymer of: butadiene; alkyl methacrylate; styrene)

New Zealand Environmental Protection Authority, Inventory of Chemicals

- Inventory - New Zealand - Inventory of Chemicals (NZIoC)
- 2-Methyl-2-propenoic acid methyl ester polymer with 1,3-butadiene, ethenylbenzene and 2-propenenitrile : May be used as a component in a product covered by a group standard but it is not approved for use as a chemical in its own right

Turkey Regulation on Inventory and Control of Chemicals

Not applicable

Taiwan Chemical Substance Inventory

- Inventory - Taiwan - Taiwan Chemical Substance Inventory (TCSI)
- 2-Methyl-2-propenoic acid methyl ester polymer with 1,3-butadiene, ethenylbenzene and 2-propenenitrile : Present

Vietnam National Chemicals Inventory (NCI)

- Inventory - Vietnam - National Chemicals Inventory (NCI) (DRAFT)
- 2-Methyl-2-propenoic acid methyl ester polymer with 1,3-butadiene, ethenylbenzene and 2-propenenitrile : Present 12238

16. OTHER INFORMATION

The information contained in this sheet is based on current knowledge and experience with product. This information is intended to support self-assessment of the methods used ensuring safe work with the filament and its safe disposal.