



Safety Data Sheet

According to EU Directive 2015/830

Product name: ABS-X - 3D Platform Filament

Date of issue: 25 February 2016

Version: 1.1a

1. Identification of the substance/preparation and of the company

1.1 Trade name: ABS-X - 3D Platform Filament

1.2 Use of the product: 3Dprinter filament

1.3 Supplier: 3D Platform 6402 E. Rockton Road, Roscoe,
Illinois, 61073
United States
www.3dplatform.com
marketing@3dplatform.com
+1.779.771.0000

2. Hazards identification

2.1 Classification of the substance or mixture

Classification according to regulation (EC) No 1272/2008

Not a hazardous substance or mixture.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

The mixture is not under obligation of labelling to regulation (EC) 1272/2008 annex 1 part 1.3.4.1

2.3 Other hazards

Not known.

3. Composition/information on ingredients

3.1 Mixtures

SVHC

Non of the substances, named in the Candidate list art. 59 (1,10) of the REACH regulation EC no. 1907/2006 has been used in a concentration > 0,1%.



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4. First aid measures

4.1 Description of first aid measures

General advice: If you feel unwell, seek medical advice (show the label where possible). Never give anything by mouth to an unconscious person. Take off contaminated clothing and shoes immediately.

If inhaled: in case of gases evolving from molten filament, move person into fresh air.

skin contact with molten filament: rinse well with water. If skin irritation persists, call a physician.

In case of eye contact with molten filament: If easy to do, remove contact lens, if worn. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

If swallowed: Rinse mouth with water. Induce vomiting immediately and call a physician. If a person vomits when lying on his back, place him in the recovery position.

4.2 Most important symptoms and effects, both acute and delayed

no data available.

4.3 Indication of any immediate medical attention and special treatment needed

no data available.

5. Firefighting measures

5.1 Extinguishing media

Suitable media: Foam, CO₂, water spray, dry chemical agents.

Unsuitable media: Full waterspray

5.2 Special hazards arising from the substance or mixture

Not flammable, in case of fire possible products are, Carbon oxide's

5.3 Advice for firefighters

Use self-contained breathing apparatus and full protective clothing for chemicals.

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6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Refer to protective measures listed in sections 7 and 8. Avoid breathing gases from molten filament. Ensure adequate ventilation, especially in confined areas.

6.2 Environmental precautions

no data available.

6.3 Methods and materials for containment and cleaning up

Use mechanical handling equipment. Keep in suitable, closed containers for disposal. Clean contaminated surface thoroughly.

6.4 Reference to other sections

see chapter: 7, 8, 11, 12 and 13.

7. Handling and storage

7.1 Precautions for safe handling

No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Try to store in a dark and cool environment. Keep away from food, drink and animal feedingstuffs.

7.3 Specific end use(s)

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8. Exposure controls/personal protection

8.1 Control parameters

Dnel: Dnel/Dmel- values are not available.
PNEC: PNEC- values are not available.

8.2 Exposure controls

Engineering measures

Provide adequate ventilation while printing.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|-------------------------------|--------------------|
| Appearance: | Filament |
| Colour: | various |
| Odour: | Neutral. |
| Odour Threshold: | no data available. |
| Flash point: | no data available. |
| Ignition temperature: | not applicable. |
| Thermal decomposition: | ≥ 280 °C. |
| Lower explosion limit: | not applicable. |
| Upper explosion limit: | not applicable. |
| Explosive properties: | no data available. |
| Flammability: | no data available. |
| Oxidizing properties: | no data available. |
| Auto-ignition temperature: | no data available. |
| Burning number: | no data available. |
| Molecular Weight: | no data available. |
| pH: | no data available. |
| Melting point/range: | no data available. |
| Vapour pressure: | no data available. |
| Density : | not measured. |
| Bulk density: | no data available. |
| Water solubility: | insoluble. |
| Solubility in other solvents: | not measured. |
| Viscosity, dynamic: | no data available. |
| Viscosity, kinematic: | no data available. |
| Evaporation rate: | no data available. |

9.2 Other information

None known

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10. Stability

10.1 Reactivity

no data available.

10.2 Chemical stability

The product is chemically stable.

10.3 Possibility of hazardous reactions

No decomposition or hazardous reactions if stored and applied as directed.

10.4 Conditions to avoid

no data available.

10.5 Incompatible materials

Materials to avoid: Strong oxidizing materials.

10.6 Hazardous decomposition products

Hazardous decomposition products: Build-up of dangerous/toxic fumes possible in cases of fire/high temperature.

11. Toxicological information

11.1 Information on toxicological effects

| | |
|------------------------------------|--------------------|
| Acute toxicity: | Not applicable. |
| Skin corrosion/irritation: | Not irritating. |
| Serious eye damage/eye irritation: | No data available. |
| Respiratory or skin sensitization: | No sensitization. |
| Reproductive toxicity: | No data available. |
| Carcinogenicity: | No data available. |



3D PLATFORM

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12. Ecological information

12.1 Toxicity

Not applicable, no relevant information available.

12.2 Persistence and degradability

Difficult to degrade.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Other adverse effects

No data available.

13. Disposal considerations

13.1 Waste treatment methods

Advice on disposal and packaging: Disposal in accordance with local and national regulations.

14. Transport information

ADR

Not dangerous goods.

RID

Not dangerous goods.

IATA

Not dangerous goods.

IMDG

Not dangerous goods.

Special precautions for user

Not applicable.

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15. Regulatory information

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

EU regulation (EC) 1907/2006 (Reach) ANNEX XVII (restrictions) Not applicable.

15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

16. Other information

Full text of H-Statements referred to under sections 2 and 3

CAS: Chemical abstract service
CLP: Classification, Labeling and Packaging
Dnel: Derived no effect level
EG: European Guidelines
EC: European Community
EC NR: European community number
EINECS: European inventory of existing commercial chemical substances
ELINCS: European list of notified chemical substances
GHS: Globally Harmonised System of Classification and labelling of chemicals
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
Noael: No Observed adverse effect
PBT: Persistent, bio accumulerend, toxisch
Pnec: Predicted no effect concentration

Disclaimer:

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