



## Safety Data Sheet

According to EU Directive 2015/830

### Product name: ASA-X - 3D Platform Filament

Date of issue: 7 March 2016

Version: 1.0

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

1.1 Trade name: ASA-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, CO<sub>2</sub>, 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

Do not allow to enter public sewers and watercourses.

#### 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)

Filament for 3D printing

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### 8. Exposure controls/personal protection

#### 8.1 Control parameters

Dnel:  
PNEC:

Dnel/Dmel- values are not available.  
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:	$\geq 280$ °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:	140-170 C.
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

Keep away from extreme heat, moisture and static discharges

#### 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 known.
Skin corrosion/irritation:	Not irritating.
Serious eye damage/eye irritation:	No data available.
Respiratory or skin sensitization:	No sensitization.
Reproductive toxicity:	Negative.
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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