



# SKILCRAFT® 3D WATER SOLUBLE SUPPORT

3D FILAMENTS

Safety Data Sheet

## Section 1

### Identification of The Substance/Preparation and The Company

**Product Name:** SKILCRAFT3D WATER SOLUBLE SUPPORT

**Product Code:** 1120A01300

**Product Use:** A monofilament for 3D printing

**Product Description:** Support Filament for PLA

**Supplier:** North Central Site Services, 2121 Reach Road Williamsport, PA 17701 United States

**Customer Information Center:** [www.fed3dsupply.com](http://www.fed3dsupply.com)

## Section 2

### Hazards Identification

**Classification:**

Not classified according to GHS, Regulation (EC) No. 1272/2008, HazCom 2012.

**Label Elements:**

Regulation (EC) No, 1272/2008:

**Hazard Pictograms and Signal Word:**

None

**Hazard Statements:**

None

## Section 3

### Composition/information on Ingredients

**Description:**

Polymer

## Section 4

### First-aid Measures

**Inhalation:**

Move affected person to fresh air.

**Skin Contact:**

Flush skin with plenty of soap and water.

**Eye Contact:**

Flush eyes with plenty of water.

**Ingestion:**

If ingested, drink plenty of water. Induce vomiting immediately and call a physician. If a person vomits when lying on his back, place him in the recovery position.

## Section 5

### Fire-fighting Measures

<b>Suitable Extinguishing Media:</b>	Water mist, dry chemical, carbon dioxide, or appropriate foam.
<b>Unsuitable Extinguishing Media:</b>	High volume water jet
<b>Special Exposure Hazards Arising from The Substance or Preparation Itself, Combustion Products, Resulting Gases:</b>	Thermal decomposition products can include CO <sub>2</sub> , and CO.

## Section 6

### Accidental Release Measures

<b>Personal Precautions:</b>	Wear appropriate protective equipment and clothing.
<b>Environmental Precautions:</b>	Avoid discharge of solid filament to sewer system.
<b>Methods for Cleaning Up:</b>	Sweep up. Place all waste in an appropriate container for disposal.

## Section 7

### Handling and Storage

<b>Handling:</b>	Avoid creating dust. Avoid contact with skin and eyes.
<b>Storage:</b>	Store sealed in the original container at room temperature. Avoid exposure to moisture.

## Section 8

### Exposure Controls/Personal Protection

<b>Exposure Limit Values:</b>	
<b>General Product Information:</b>	No occupational exposure limits (PEL/TWA) have been established for this product.

## Exposure Controls

### Technical Measures to Prevent

Exposure:

Personal Protection Equipment:

Respiratory Protection:

Eye Protection:

Body Protection:

Good general ventilation should be enough for normal operation.

If product is used as intended, no personal protective equipment is required.

NA

NA

NA

## Section 9

## Physical and Chemical Properties

### Appearance:

Physical State:

Color:

Odor:

Solid filament

White, light yellow

Slight, vinegar -like

### Important Health, Safety and Environmental Information:

Ph (20 °C):

5.0-7.0

Melting Point (°C):

150-230°C

Boiling Point/Range (°C):

NA

Flash Point (°C):

> 200°C

Ignition Temperature (°C):

520°C

Vapor Pressure (°C):

NA

Density (G/Cm3):

1.0-1.2

Bulk Density (Kg/M3):

NA

Water Solubility: Partition

Soluble

Coefficient:

NA

N-Octanol/Water (Log Po/W):

NA

Viscosity, Dynamic (Mpa S):

NA

Dust Explosion Hazard:

NA

Lower Explosion Limit:

35g/m3

## Section 10

### Stability and Reactivity

<b>Conditions to Avoid:</b>	The product is chemically stable.
<b>Hazardous Decomposition Products:</b>	At high temperatures or upon burning, thermal decomposition products including but not limited to carbon monoxide and carbon dioxide may be emitted.

## Section 11

### Toxicological Information

<b>Toxicokinetics, Metabolism and Distribution:</b>	NA
<b>Acute Effects (Toxicity Tests):</b>	
<b>Oral LD50:</b>	> 2000 mg/kg
<b>Acute Inhalation Toxicity Estimate:</b>	>20 mg/l (test atmosphere vapor, exposure time 4h, calculation method)
<b>Acute Dermal Toxicity: Acute Toxicity Estimate:</b>	> 2000 mg/kg (calculation method)
<b>Irritant and Corrosive Effects:</b>	No skin or eye irritation
<b>Irritation to Respiratory Tract:</b>	NA
<b>Sensitization:</b>	Does not cause skin sensitization (OECD test guideline 406)
<b>Experiences Made In Practice:</b>	N/A
<b>General Remarks:</b>	
<b>Carcinogenicity:</b>	None of this product's components are listed by ACGIH, IARC, OSHA NIOSH, or NTP
<b>Irritant and Corrosive Effects:</b>	No skin or eye irritation

## Section 12

### Ecological Information

#### Ecotoxicity:

EC50/48h	>100 mg/l (daphnia magna)
LC50/96h	>100 mg/l (onkorynchus mykiss)
NOEC	7900 mg/l (exposure time 200 h, Oryzias latipes)

#### Mobility:

#### Persistence and Degradability:

#### Results of PBT Assessment:

#### Other Adverse Effects:

No information available for product  
No information available for product  
No information available for product  
No information available for product

## Section 13

### Disposal Considerations

**Appropriate Disposal / Product:** Do not dump solid filament into any sewers, on the ground, or into any body of water.

All disposal methods must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with appliance laws are the responsibility solely of the waste generator.

## Section 14

### Transportation Information

Land transport (ADR/RID/GGVSE):	Not regulated
Sea transport (IMDG-Code/GGVSee):	Not regulated
Air transport (ICAO-IATA/DGR):	Not regulated

## Section 15

### Regulatory Information

#### US FEDERAL

#### TSCA:

#### California Proposition 65:

All materials are listed on the TSCA Inventory or are not subject to TSCA requirements:

This product does not contain chemicals which are known to the state of California to cause cancer, birth, or any other reproductive defects



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Section 16

Other Information