

Issuing Date 13-Dec-2017

Revision Date 26-Nov-2017

Revision C

## Section 1: Identification: Product identifier and chemical identity

### Product identifier

**Product Name** SR-30™ Soluble Support Material  
SR-30XL™ Soluble Support Material

**Product Code(s)** SDS-400638 EN U

**PN (Part Number)** 311-30200 340-30500 345-20007 345-42207 350-80200 355-03110 360-53110 CQ707A

### Other means of identification

**Synonyms** Terpolymer of Methacrylic Acid, Styrene, and Butylacrylate

**Pure substance/mixture** Mixture

### Recommended use of the chemical and restrictions on use

**Recommended Use** Additive manufacturing

**Uses advised against** No information available

### Details of manufacturer or importer

#### Importer

Objective3D Pty Ltd  
33-35 Yazaki Way  
Carrum Downs, 3201  
Victoria, Australia  
Phone: +03 9785 2333  
Local: +1300 559 454  
Fax: +03 9785 2322

For further information, please contact

**E-mail address** info@Stratasys.com

### Emergency telephone number

Emergency telephone number

- +44 1865 407333 - Global – English Language response
- +44 1235 239670 - Europe - Multi lingual response
- +1 215 207 0061 - USA – Multi-lingual response
- +65 3158 1074 - Asia Pacific - Multi lingual response
- +61 2 8014 4558 - Australia - English Language response
- +86 512 8090 3042 - China - Chinese response

## Section 2: Hazard(s) identification

### GHS Classification

Not a dangerous substance or mixture according to the Globally Harmonised System (GHS)

### Label elements

Not a dangerous substance or mixture according to the Globally Harmonised System (GHS)

**Other hazards**

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required. If small particles are generated during further processing, handling, or by other means, combustible dust concentrations in air may form. See section 7 for more information. See section 8 for more information.

**Section 3: Composition and information on ingredients, in accordance with Schedule 8**

**Substance**

Not applicable

**Mixture**

Non-hazardous ingredients	Proprietary	Balance
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**Section 4: First aid measures**

**Description of first aid measures**

Inhalation	Remove to fresh air.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a doctor.
Skin contact	Wash skin with soap and water when in contact with molten residues.
Ingestion	Drink plenty of water. Do not induce vomiting without medical advice. Call a doctor immediately.

**Most important symptoms and effects, both acute and delayed**

Symptoms	None known.
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**Indication of any immediate medical attention and special treatment needed**

Note to doctors	Treat symptomatically.
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**Section 5: Firefighting measures**

**Suitable Extinguishing Media**

Suitable Extinguishing Media	Foam. Water. Carbon dioxide (CO2). Dry chemical. Alcohol resistant foam.
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Unsuitable extinguishing media	None known.
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**Specific hazards arising from the chemical**

Specific hazards arising from the chemical	None known.
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**Special protective actions for fire-fighters**

Special protective equipment for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.
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## Section 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	Use personal protective equipment as required. Avoid contact with skin and eyes. Remove all sources of ignition. Sweep up to prevent slipping hazard.
<b>For emergency responders</b>	Use personal protection recommended in Section 8.

### Environmental precautions

<b>Environmental precautions</b>	Do not flush into surface water or sanitary sewer system. Keep out of waterways.
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### Methods and material for containment and cleaning up

<b>Methods for containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for cleaning up</b>	Pick up and transfer to properly labelled containers.

### Precautions to prevent secondary hazards

<b>Prevention of secondary hazards</b>	Prevent dust cloud. Avoid dust accumulation in enclosed space. May form combustible dust concentrations in air if small particles are generated during further processing, handling or by other means. Remove all sources of ignition.
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## Section 7: Handling and storage, including how the chemical may be safely used

### Precautions for safe handling

<b>Advice on safe handling</b>	Use personal protection equipment. Avoid contact with skin and eyes, when handling melted filament. If small particles are generated during further processing, handling, or by other means, combustible dust concentrations in air may form. Use respirator.
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### Conditions for safe storage, including any incompatibilities

<b>Storage Conditions</b>	Keep containers tightly closed in a dry, cool and well-ventilated place.
<b>Incompatible materials</b>	Oxidising agent. Strong bases.

## Section 8: Exposure controls and personal protection

<b>Note:</b>	No hazards are expected under normal use. Avoid generation of dust particles.
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### Control parameters

<b>Exposure Limits</b>	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
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### Appropriate engineering controls

<b>Engineering controls</b>	If dust is generated during further processing provide exhaust ventilation.
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### Individual protection measures, such as personal protective equipment

<b>Eye/face protection</b>	Goggles. Safety glasses with side-shields.
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<b>Skin and body protection</b>	Impervious clothing.
<b>Respiratory protection</b>	Minimise dust generation and accumulation. Wear respiratory protection.
<b>Environmental exposure controls</b>	No information available.

## Section 9: Physical and chemical properties

### Information on basic physical and chemical properties

<b>Physical state</b>	Solid
<b>Appearance</b>	Monofilament
<b>Odour</b>	None.
<b>Colour</b>	white
<b>Odour threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	No data available	None known
<b>Melting point / freezing point</b>	No data available	None known
<b>Boiling point / boiling range</b>	No data available	None known
<b>Flash point</b>	No data available	None known
<b>Evaporation rate</b>	No data available	None known
<b>Flammability (solid, gas)</b>	No data available	None known
<b>Flammability Limit in Air</b>		None known
Upper flammability limit:	No data available	
Lower flammability limit	No data available	
<b>Vapour pressure</b>	No data available	None known
<b>Vapour density</b>	No data available	None known
<b>Relative density</b>	No data available	None known
<b>Water solubility</b>	No data available	None known
<b>Solubility(ies)</b>	No data available	None known
<b>Partition coefficient</b>	No data available	None known
<b>Autoignition temperature</b>	No data available	None known
<b>Decomposition temperature</b>	290	
<b>Kinematic viscosity</b>	No data available	None known
<b>Dynamic viscosity</b>	No data available	None known

### Other Information

<b>Softening point</b>	No information available
<b>Molecular weight</b>	No information available
<b>VOC Content (%)</b>	No information available
<b>Liquid Density</b>	No information available
<b>Bulk density</b>	No information available
<b>Particle Size</b>	No information available
<b>Particle Size Distribution</b>	No information available

## Section 10: Stability and reactivity

### Reactivity

<b>Reactivity</b>	None under normal use conditions.
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### Chemical stability

<b>Stability</b>	Stable under normal conditions.
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### Explosion data

<b>Sensitivity to Mechanical Impact</b>	None.
<b>Sensitivity to Static Discharge</b>	None.

### Possibility of hazardous reactions

**Possibility of hazardous reactions** None under normal processing.

### Conditions to avoid

**Conditions to avoid** Excessive heat. To avoid thermal decomposition, do not overheat.

### Incompatible materials

**Incompatible materials** Oxidising agent. Strong bases.

### Hazardous decomposition products

**Hazardous decomposition products** Burning produces obnoxious and toxic fumes. Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Aldehydes.

## Section 11: Toxicological information

### Acute toxicity

### Information on likely routes of exposure

#### **Product Information**

**Inhalation** Specific test data for the substance or mixture is not available.

**Eye contact** Specific test data for the substance or mixture is not available.

**Skin contact** Specific test data for the substance or mixture is not available.

**Ingestion** Specific test data for the substance or mixture is not available

**Symptoms** None known.

### Numerical measures of toxicity - Product Information

**Unknown acute toxicity** No information available

100 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

100 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapour)

100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

*See section 16 for terms and abbreviations*

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation** No information available.

**Serious eye damage/eye irritation** No information available.

**Respiratory or skin sensitisation** No information available.

**Germ cell mutagenicity** No information available.

**Carcinogenicity** No information available.

**Reproductive toxicity** No information available.

STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.

## Section 12: Ecological information

### Ecotoxicity

Ecotoxicity	The environmental impact of this product has not been fully investigated
Unknown aquatic toxicity	100 % of the mixture consists of component(s) of unknown hazards to the aquatic environment.

### Persistence and degradability

Persistence and degradability	No information available.
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### Bioaccumulative potential

Bioaccumulation	No information available.
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### Mobility

Mobility in soil	No information available.
Mobility	No information available.

### Other adverse effects

Other adverse effects	No information available.
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## Section 13: Disposal considerations

### Waste treatment methods

Waste from residues/unused products	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
Contaminated packaging	Do not reuse empty containers.

## Section 14: Transport information

<u>ADG</u>	Not regulated
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<u>IATA</u>	Not regulated
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<u>IMDG</u>	Not regulated
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Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code  
No information available

## Section 15: Regulatory information

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

#### National regulations

##### Australia

See section 8 for national exposure control parameters

#### International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

#### Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

#### International Regulations

Ozone-depleting substances (ODS) Not applicable

Persistent Organic Pollutants Not applicable

Export Notification requirements Not applicable

## Section 16: Any other relevant information

Issuing Date 06-Nov-2015

Revision Date 26-Nov-2017

#### Revision Note

The symbol (\*) in the margin of this SDS indicates that this line has been revised.

#### Key or legend to abbreviations and acronyms used in the safety data sheet

##### Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation
C	Carcinogen		

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**End of Safety Data Sheet**