

**1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION**

Product Name	SR-30 Soluble Support
Chemical Family	Synthetic thermoplastic polymer
General Use	Soluble Release Material for Stratasys® Inc. FDM™ modelers
Manufacturer and Address	Stratasys Inc. 7665 Commerce Way Eden Prairie, MN 55344-2080 USA
Emergency Telephone Number	+1 952-937-3000

2. COMPOSITION, INGREDIENT INFORMATION

COMPONENT	CAS #	%	OSHA/PEL	ACGIH/TLV
Terpolymer of Methacrylic Acid, Styrene, and Butylacrylate	25036-16-2	Mixture	N/E	N/E

N/E = Not Established

This product is not considered hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR § 1910.1200. This product is not a dangerous material according to EC-Chemical Law.

3. HAZARDS IDENTIFICATION

Emergency Overview	<ul style="list-style-type: none"> Slight or no odor. Spilled material may create slipping hazard. Irritating and/or toxic gasses may be generated in case of fire. Molten plastic can cause thermal burns.
HMIS Ratings	Health: 0 Flammability: 1 Reactivity: 0 PPE = B
Inhalation	Vapor and fumes released during thermal processing may cause respiratory tract irritation.
Eye Contact	Vapor may cause eye irritation.
Skin Contact	Essentially non-irritating to skin.
Ingestion	No hazard in normal industrial use.
Skin Absorption	No absorption hazard in normal industrial use.



SR-30 Soluble Support

Material Safety Data Sheet

108454-0002

4. EMERGENCY AND FIRST AID MEASURES

Inhalation	Move to fresh air, if respiratory tract irritation occurs from exposure to fumes.
Skin Contact	Wash with soap and water. For hot product, immediately immerse in or flush affected area with large amounts of cold water to dissipate heat. Cover with clean cotton sheeting or gauze and get prompt medical attention.
Eye Contact	Move to fresh air, if eye irritation occurs from exposure to fumes.
Ingestion	No hazard in normal industrial use. Harmful effects not anticipated from swallowing small amounts.

5. FIRE-FIGHTING MEASURES & EXPLOSION HAZARD DATA

Fire Fighting Instructions	Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment.
Extinguishing Media	Water spray, dry powder, carbon dioxide, or foam. Avoid using solid water jet as it may scatter.
Explosion Data	Avoid static charge creation.
Hazardous Combustion Products	During a fire, smoke may contain the original material in addition to combustion products of varying composition that may be toxic and/or irritating. Combustion products may include and are not limited to the following: carbon monoxide, carbon dioxide.

6. ACCIDENTAL RELEASE MEASURES

General	Allow molten material to solidify before disposal.
Specific	Contain spill. Sweep up material and place in suitable and properly labeled containers for disposal. See section 13, Disposal Information.
Environmental Precautions	Although not expected to be environmentally harmful, prevent from entering into soil, waterways, or groundwater.

7. HANDLING & STORAGE

Handling	Use good industrial hygiene practices. Provide adequate ventilation.
Storage	Store in a cool dry place. Keep containers closed to prevent moisture absorption and contamination.



8. EXPOSURE CONTROLS & PERSONAL PROTECTION

Exposure Limits	None established.
Engineering Controls	Local ventilation is required over open processing equipment to keep concentration of gases that are irritating to the eyes and respiratory tract below recommended values.
Personal Protection:	
Skin	If there is potential contact with hot/molten material, wear heat resistant clothing, gloves, and footwear.

9. PHYSICAL & CHEMICAL PROPERTIES

Physical State	Pellets
Color	Off-White
Odor	Odorless to mild
Specific Gravity (water = 1)	1.1
Melting Point	N/A
Vapor Pressure	N/A
Ignition Temperature	> 450 °C

10. STABILITY & REACTIVITY

Stability	Stable, but avoid elevated temperatures, which can cause product to decompose.
Reactivity	Not reactive under recommended conditions of handling, storage, processing, and use.
Thermal Decomposition Temperature	> 290 °C
Hazardous Decomposition Products	Decomposition products depend on temperature, air supply, and the presence of other materials. Carbon monoxide, hydrocarbon oxidation products including organic acids, aldehydes and alcohol, oxides of nitrogen may be produced.

11. TOXICOLOGICAL DATA

ACUTE HEALTH HAZARDS	
Acute Oral	No data available. Not expected to be harmful.
Skin Contact	No data available. Not expected to be harmful.
Eye Contact	No data available. Not expected to be harmful.
SUBCHRONIC HEALTH HAZARDS	
Subchronic Toxicity	No data available. Not expected to be harmful.

**12. ECOLOGICAL INFORMATION**

General

No data available. Avoid contamination of soil, surface, and sewage systems.

13. DISPOSAL INFORMATION

Waste Disposal

Preferred options for disposal are (1) incineration with energy recovery and (2) landfill. The high fuel value of this product makes option (1) very desirable. Treatment, transportation, and disposal must be in accordance with applicable federal, state, and local regulations.

14. TRANSPORT INFORMATION (NOT MEANT TO BE ALL-INCLUSIVE)

ADR/RID (road/rail)

This product is not regulated.

ICAD/IATA (air)

This product is not regulated.

IMD/IMDG (sea)

This product is not regulated.

15. REGULATORY INFORMATION (NOT MEANT TO BE ALL-INCLUSIVE)

All components of this product are listed on these chemical inventories: U.S. TSCA, Canadian DSL, EU EINECS, Japanese ENCS, Korean ECL, Australian AICS.

**16. OTHER INFORMATION**

THE INFORMATION contained in the PROCEEDING report is based upon current knowledge, our experience with the product, and is not exhaustive. While not guaranteed, the information presented herein was prepared by a competent, technical professional and is true and accurate to the best of our knowledge. The information applies to product as defined by the specifications. If the product is mixed with other substances, the customer must confirm that no new hazards exist. In all cases, the user is not exempt from following all legal, administrative and regulatory procedures relating to the product, personal hygiene, and the integrity of the work environment. Stratasys® shall not be held liable for any damage resulting from handling or from contact and use with the above product.

Revision History

Revision	Revision Date
108454-0001	09-16-08
108454-0002	04-27-2011