



## 1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Name	P400 SR or ABS_SS
General Use	Soluble release material
Manufacturer and Address	Stratasys® Inc. 14950 Martin Drive Minneapolis, MN 55344-2020 USA
Emergency Telephone Number	+1 952-937-3000

## 2. COMPOSITION, INGREDIENT INFORMATION

COMPONENT	CAS #	%	OSHA /PEL	ACGIH/TLV
Acrylic copolymer thermoplastic	Mixture	>97	N/E	N/E

N/E = not established

P400 SR or ABS\_SS is not considered hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR § 1910.1200.

## 3. HAZARDS IDENTIFICATION

Emergency Overview	Dark brown plastic laminate
HMIS Ratings	Health: 1      Flammability: 3      Reactivity: 0
Inhalation	Dust may be irritating to the respiratory system and cause coughing or sneezing
Eye Contact	Dust may be irritating or cause mechanical injury
Skin Contact	Molten material will produce thermal burns
Ingestion	It is reasonable to anticipate ingestion of material would be irritating to the GI tract
Chronic	No data available
Carcinogenicity	None of the components of this mixture is listed by NTP, OSHA, or ACGIH as a carcinogen



#### 4. EMERGENCY AND FIRST AID MEASURES

Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.
Skin Contact	Remove contaminated clothing. Wash thoroughly with soap and water immediately. Get medical attention if irritation or burns develop.
Eye Contact	In cases of contact, hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.
Ingestion	If swallowed, call a physician. Give large amounts of water to drink. Never give anything by mouth to an unconscious person.

#### 5. FIRE-FIGHTING MEASURES & EXPLOSION HAZARD DATA

Flash Point	> 800°F
Autoignition Temperature	Not determined
Extinguishing Media	Use dry chemical powder or carbon dioxide for small fires; for large fires, use water or foam spray
Special Fire-Fighting Procedures	Evacuate personnel to a safe area. Keep personnel removed and upwind of fire. Wear self-contained breathing apparatus and full protective equipment.
Unusual Fire and Explosion Hazards	None known
Hazardous Decomposition Products	Thermal decomposition will produce oxides of carbon and phosphorous

#### 6. ACCIDENTAL RELEASE MEASURES

General	Notify the appropriate authorities immediately. Take all additional action necessary to prevent and remedy the adverse effects of the spill.
Specific	Contain spill. Sweep up material for recycling or disposal. Do not wash residues into drains or other waterways.



## 7. HANDLING & STORAGE

Handling	Keep dry and avoid temperatures over 70° C
Storage	Store in a cool, well-ventilated area. Keep container tightly closed.

## 8. EXPOSURE CONTROLS & PERSONAL PROTECTION

Ventilation	Use with adequate ventilation
Respiratory	Use proper respiratory equipment if dust is generated
Eye Protection	Wear safety goggles to prevent contact with eyes
Skin	Protective gloves not needed
Other	Use protective clothing as appropriate

## 9. PHYSICAL & CHEMICAL PROPERTIES

Appearance	Dark brown plastic laminate
Odor	Sour
Vapor Pressure	Not applicable
Vapor Density	Not applicable
Melting Point	Not determined
Boiling Point	Not determined
Specific Gravity	1.25
Volatile By Volume (Water)	Max 2.5%
Solubility In Water	Insoluble
pH	Not applicable

## 10. STABILITY & REACTIVITY

Stability	Stable under normal recommended storage and handling conditions
Hazardous Polymerization	Will not occur
Incompatibility	Alkaline solutions
Hazardous Thermal Decomposition Products	Thermal decomposition will produce oxides of carbon and phosphorous



## 11. TOXICOLOGICAL DATA

Acute Oral	No data available. Not expected to be harmful.
Acute Dermal	No data available. Not expected to be harmful.
Acute Inhalation	No data available. Not expected to be harmful.
Skin Irritation	No data available. Not expected to be harmful.
Eye Irritation	No data available. Not expected to be harmful.
Subchronic	No data available. Not expected to be harmful.
Genotoxicity	No data available. Not expected to be harmful.

## 12. ECOLOGICAL INFORMATION

Fish Toxicity	No data available
Daphnia Toxicity	No data available
Bioaccumulation	No data available

## 13. DISPOSAL CONSIDERATIONS

Disposal of wastes and used containers must be in accordance with applicable federal, state and local regulations.

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

U.S. Department of Transportation (D.O.T.)	This product is not regulated by D.O.T. when shipped domestically by land
Canadian TDG Information	This product is not regulated by TDG when shipped domestically by land

## 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
1.0	12/02/01
1.1	2/11/04
1.2	4/14/04