

**STRATASYS®**

ICW06 Wax Support

Material Safety Data Sheet

106270-0001

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Name	ICW06 Wax Support
Chemical Name	Wax Blend
General Use	Filament for Stratasys® Inc. FDM™ modeler
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
Wax blend	Mixture	100	N/E	N/E

N/E = Not established

ICW06 R is not considered hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR § 1910.1200.

3. HAZARDS IDENTIFICATION

Emergency Overview	Red-brown or purple filament
Inhalation	High concentration of fumes may cause respiratory irritation
Eye Contact	High concentration of fumes may cause eye irritation
Skin Contact	Molten material will burn skin on contact
Ingestion	May cause irritability if ingested
Chronic	No data available
Carcinogenicity	None of the components of this mixture are listed by NTP, OSHA, or ACGIH as a carcinogen



4. EMERGENCY AND FIRST AID MEASURES

Inhalation	No harmful effects are anticipated from breathing dust or a low concentration of vapors. If a problem develops, remove the person to fresh air and supply oxygen if necessary.
Skin Contact	No harmful effects are anticipated. Wash thoroughly with soap and water. See a physician if irritation develops.
Eye Contact	Immediately flush eyes with flowing water for at least 15 minutes. See a physician if irritation persists.
Ingestion	No harmful effects are anticipated if the material is swallowed. See a physician if irritation persists.

5. FIRE-FIGHTING MEASURES & EXPLOSION HAZARD DATA

Flash Point	460° F (238° C)
Autoignition Temperature	Not applicable
Extinguishing Media	Water spray or any Class A extinguishing agent
Special Fire-Fighting Procedures	Wear NSHA/NIOSH approved, pressure-demand, and self-contained breathing apparatus. When water is used, apply using spray or fog nozzle.
Unusual Fire and Explosion Hazards	Dust is flammable in air suspension or clouds and can cause explosion if ignited in an enclosed space
Hazardous Decomposition Products	Thermal decomposition will produce oxides of carbon

6. ACCIDENTAL RELEASE MEASURES

General	Sweep up and deposit in dry waste container
Specific	Contain waste. Sweep up material for recycling or disposal. Do not wash residues into drains or other waterways.

7. HANDLING & STORAGE

Handling	Avoid generating dust. Keep dry and avoid temperatures over 70°C (158° F).
Storage	Store in a cool dry place. Store away from oxidizing materials. Maintain tightly closed container. Provide adequate ventilation.

**8. EXPOSURE CONTROLS & PERSONAL PROTECTION**

Ventilation	Maintain adequate ventilation
Respiratory	Not required
Eye Protection	Safety glasses are recommended
Skin	Safety gloves are not required
Other	Not applicable

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance	Red-brown or purple filament
Odor	None
Vapor Pressure (mmHg)	None
Vapor Density	Not applicable
Melting Point	(R & B) 175° F (79° C)
Boiling Point	Not applicable
Specific Gravity (Water=1)	1.0
Volatile By Volume (Water)	Not applicable
Solubility In Water	Nil
pH	Not applicable

10. STABILITY & REACTIVITY

Stability	Stable
Hazardous Polymerization	Will not occur
Incompatibility	Acids and strong oxidizing agents
Hazardous Thermal Decomposition Products	Upon combustion, carbon monoxide and carbon dioxide are generated
Conditions to Avoid	Heating above 600° F (315° F)

**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.
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
106270-0001	2005-05-23