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SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name	ABS-M30i™ Model Material
Synonyms	ABS
SSYS Part Number	400617-0001
Recommended Use	Additive manufacturing
Company	No information available.
Importer	Stratasys Korea Limited c/o Expeditors Korea Ltd., KMTC 6-1 gate, Gimpo Int'l airport Cargo Terminal Seoul 157-240 Korea, Republic of Contact: Ms Sarah Chae TEL: +82-2-20462239
Supplier	Stratasys Inc 7665 Commerce Way Eden Prairie, MN 55344 TEL: 1(952) 937 3000
Emergency Telephone Number	1(952) 937 3000 +82-1090102285 +49 722 97772281 - Global - English language response +85 2 975 70887 - Asia Pacific - Multi lingual response
E-mail Address	objet-info@stratasys.com

SECTION 2. HAZARDS IDENTIFICATION

GHS-Classification

Health Hazard

This mixture is not classified as dangerous according to Korean legislation

Physical Hazards

None

Environmental Hazards

GHS Label elements, including precautionary statements

Signal Word None

Precautionary Statements**Other hazards which do not result in classification**

- No information available

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
ABS resin	9003-56-9	100

SECTION 4. FIRST AID MEASURES

- A. Eye Contact** Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.
- B. Skin Contact** Wash off with water. If molten polymer contacts the skin, cool rapidly with cold water. Do not attempt to peel cured polymer from skin. Removal of solidified molten material from skin requires medical assistance.
- C. Inhalation** Move to fresh air. If symptoms persist, call a physician.
- D. Ingestion** Drink plenty of water. Do NOT induce vomiting. If symptoms persist, call a physician.
- E. Most Important Symptoms/Effects** No information available.
- F. Indication of immediate medical attention and special treatment needed, if necessary.** Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

- A. Suitable Extinguishing Media** Water. Dry powder. Foam. Carbon dioxide (CO₂).
- Unsuitable Extinguishing Media** No information available.
- B. Specific Hazards Arising from the Chemical** Burning produces obnoxious and toxic fumes. Aldehydes. Carbon monoxide. Carbon dioxide (CO₂). Hydrogen cyanide.
- C. Protective Equipment and Precautions for Firefighters** Wear self-contained breathing apparatus and protective suit.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- A. Personal Precautions** Use personal protective equipment. Ensure adequate ventilation.
- B. Environmental Precautions** Prevent further leakage or spillage if safe to do so.
- C. Methods and materials for containment and cleaning up** Sweep up and shovel into suitable containers for disposal.

SECTION 7. HANDLING AND STORAGE

- A. Handling** Handle in accordance with good industrial hygiene and safety practice. Wear personal protective equipment. Ensure adequate ventilation. Prevent contact with molten product. Do not eat, drink or smoke when using this product. Do not take internally. Wash thoroughly after handling.
- B. Storage** Keep tightly closed in a dry and cool place.

Incompatible Products

Strong oxidizing agents.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION**A. Exposure Guidelines**

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

B. Engineering Measures

Ensure adequate ventilation, especially in confined areas.

C. Personal Protective Equipment**Respiratory Protection**

No protective equipment is needed under normal use conditions.

Eye/Face Protection

Safety glasses with side-shields. For handling molten material, use of a faceshield is recommended.

Hand Protection

When handling hot material, use heat resistant gloves.

Skin and Body Protection

No protective equipment is needed under normal use conditions.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

A. Appearance	Natural color	
Physical State	Solid (compressed)	
B. Odor	None	
C. Odor Threshold	No data available	
D. pH	No data available	
E. Melting Point/Range	No data available	
F. Initial Boiling Point	No data available	
Boiling Point/Boiling Range	No data available	
G. Flash Point	Not determined	
H. Evaporation Rate	No data available	
I. Flammable Properties	Not applicable	
J. Flammability Limits in Air	Upper No data available	Lower No data available
K. Vapor Pressure	No data available.	
L. Solubility	No information available.	
M. Vapor Density	No data available.	
N. Relative density	No data available	
O. Partition Coefficient: n-octanol/water	No data available.	
P. Autoignition Temperature	No data available	
Q. Decomposition Temperature	No data available	
R. Viscosity	No data available	
S. Molecular Weight	No data available	
T. Specific Gravity	No data available.	
U. VOC Content (%)	No data available	

SECTION 10. STABILITY AND REACTIVITY

A. Stability	Stable under normal conditions.
B. Hazardous Reactions	None under normal processing.
C. Conditions to Avoid	Incompatible products.
D. Incompatible Products	Strong oxidizing agents.
E. Hazardous Decomposition Products	Carbon oxides. Aldehydes. Hydrogen cyanide.

SECTION 11. TOXICOLOGICAL INFORMATION**A. Information on the likely routes of exposure**

<p>Inhalation</p> <p>Eye Contact</p> <p>Skin Contact</p> <p>Ingestion</p>	<p>Exposure to volatiles released during hot processing may cause respiratory tract irritation</p> <p>Contact with eyes may cause irritation.</p> <p>Contact with molten material will cause thermal burns.</p> <p>Not an expected route of exposure. Ingestion may cause stomach discomfort.</p>
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B. Delayed and immediate effects and also chronic effects from short and long term exposure

<p>Irritation</p> <p>Corrosivity</p> <p>Sensitization</p> <p>Carcinogenic Effects</p> <p>Mutagenic Effects</p> <p>Reproductive Toxicity</p> <p>STOT - single exposure</p> <p>STOT - repeated exposure</p> <p>Target Organ Effects</p> <p>Hazardous to the Aquatic Environment</p> <p>Aspiration Hazard</p>	<p>No information available.</p> <p>Eyes. Skin.</p> <p>No information available</p> <p>No information available.</p>
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C. Numerical measures of toxicity

Product Information	
LD50 Oral	No information available.
LD50 Dermal	No information available.
Inhalation	
Gas	No information available.
Dust/Mist	No information available.
Vapor	No information available.

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component	IARC
ABS resin 9003-56-9 (100)	Group 3

IARC: (International Agency for Research on Cancer)
Group 3 - Not Classifiable as to its Carcinogenicity to Humans

SECTION 12. ECOLOGICAL INFORMATION

A. Aquatic and Ecotoxicity

Ecotoxicity Effects Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants

B. Persistence and Degradability No information available.

C. Bioaccumulation No information available.

D. Mobility No information available.

E. Other Adverse Effects No information available.

SECTION 13. DISPOSAL CONSIDERATIONS

A. Waste from Residues / Unused Products Dispose of in accordance with local regulations.

B. Contaminated Packaging Empty containers should be taken to an approved waste handling site for recycling or disposal

SECTION 14. TRANSPORT INFORMATION

A. UN-Number Not regulated.
B. Proper Shipping Name Not regulated.
C. Hazard Class Not regulated.
D. Packing Group Not regulated.
E. Marine Pollutant Not regulated

SECTION 15. REGULATORY INFORMATION

A. Industrial Safety and Health Law:

Not applicable

B. Toxic Chemicals Control Law

Not applicable

C. Dangerous Material Safety Control

Not applicable

D. Wastes Management

Dispose of in accordance with local regulations

E. Other Regulations

RESTRICTIONS - REACH TITLE VIII No information available.

International Inventories

TSCA	Complies
EINECS/ELINCS	Not determined
DSL/NDSL	Complies
PICCS	Complies
ENCS	Complies
IECSC	Complies
AICS	Complies
KECL	Complies

Legend

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

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

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

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

AICS - Australian Inventory of Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

SECTION 16. OTHER INFORMATION

A. Prepared By Product Stewardship
23 British American Blvd.
Latham, NY 12110
1-800-572-6501

B. Issuing Date 11-Nov-2015

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D. Other Information No information available

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End of Safety Data Sheet