MATERIAL SAFETY DATA SHEET

YOUSU 3D iForm 65A TPU- Like Resin
GuangzhouYousu3DTechnologyCo.,Ltd.

Section 1. Product and Company Identification

Product identifier

Product Name:

YOUSU 3D iForm 65A TPU- Like Resin

Recommended use:

3D model printing for photocuring 3D printers

Detail of the supplier of the safety data sheet

Manufacture/Supplier:

Guangzhou Yousu 3D Technology Co., Ltd.

Address:

Building 1, No.4 Linxin Road, Xiancun Town, Zengcheng District, Guangzhou,Guangdong, China

Emergency number:

+86-020-29015987

E-mail:

F-sales@ysfilament.com

Website:

http://www.ysfilament.com

Section 2. Hazards Identification

Potential health effects:

May be harmful if swallowed.

May be harmful in contact with skin.

May cause an allergic skin reaction.

Causes eye irritation.

Harmful to aquatic life.

Any other product-specific hazards classification: N/A

Section 3. Composition/Information on Ingredients

Chemical name or trivial, common or generic name	CAS No.	Content(%)
Acrylic acid	9003-01-4	15~45
Monomer	28961-43-5	8~15
Monomer	26570-48-9	10~35
Photoinitiator	75980-60-8	2~4.5
Pigment	-	0.1~0.5

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Section 4. First-aid Measures

Inhalation:

Remove to fresh air. If breathing is difficult, get medical attention.

Skin contact:

Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

Continue to rinse for at least 15 minutes. Get medical attention.

Eye contact:

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 15 minutes. If irritation persists, get medical attention.

Ingestion:

Induce vomiting immediately as directed by medical personnel. Get medical attention.

Section 5. Fire-fighting Measures

Extinguishing media

Suitable:

Use an extinguishing agent suitable for the surrounding fire.

Not suitable:

None known.

Specific hazards arising form the chemical:

In a fire or if heated, a pressure increase will occur and the container may burst. This material is harmful to aquatic life. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

Hazardous thermal decomposition products:

In case of fire, may produce hazardous decomposition products such as carbon monoxide, carbon dioxide, (dense) black smoke, aldehydes, organic acids.

Special precautions for firefighters:

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Remarks:

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This material will support combustion if ignited

Sections 6. Accidental release measures

Personal precautions:

For large spills wear gloves, safety glasses. Keep unnecessary personnel away.

Environmental precautions:

Prevent discharge to open waters.

Method of cleaning up:

Take up with liquid-absorbent material. Forward for disposal and clean up affected area.

Sections 7. Handling and storage

Handling information:

Avoid contact with the eyes, skin and clothing. Avoid breathing dust or fumes. Wear protective clothing and equipment as described in Section 8. Use with adequate ventilation. Wash thoroughly with soap and water after handling. Keep containers closed when not in use.Do not reuse containers. Empty containers retain product residues and can be hazardous.Follow all SDS precautions when handling empty containers.

Storage information:

Store in a cool (<131°F/<55°C), well ventilated location, away from heat, flame ,light or other incompatible materials. Avoid freezing the material.

Sections 8. Exposure controls personal protection

Personal precautions

The usual precautions taken when handling chemicals should be observed. Refer to product data sheet for recommended specific use. Do not inhale vapors, do not get in eyes, on skin or clothing. Wash hands thoroughly after handling.

Personal protection

Respiratory protection:

Required when vapors/aerosols are generated. Preferably work in a chemical fume hood or wear adequate mask with filter.

Skin protection:

Wear appropriate chemical resistant protective clothing and chemical resistant gloves to prevent skin contact. Consult glove manufacturer to determine appropriate type glove material for given application. Wear chemical goggles, a face shield, and chemical resistant clothing such as a rubber apron when splashing may occur. Rinse immediately if skin is contaminated. Remove contaminated clothing promptly and wash before reuse. Clean protective equipment before reuse. Provide a safety shower at any location where skin contact can occur. Wash skin thoroughly after handling.

Eye/Face protection:

Where there is potential for eye contact, wear a face shield, chemical goggles, and have eye flushing equipment immediately available.

Sections 9. Physical and chemical properties

Appearance:	Liquid	Autoflammability:	N/D
Color:	Colored	Flashing point:	>93℃/199.4F
Odor:	Peculiar smell	Explosion limits:	N/D
pH(20℃):	N/D	Vapor pressure:	N/D
Viscosity:	100-250 cps at 25℃/77F	Relative density:	1.03-1.11g/cm³ at 25℃/77F
Boiling range:	N/D	Solubility in water:	Nearly insoluble in water.
Melting point:	N/D	logp(o/w):	N/D

Sections 10. Stability and reactivity

Chemical stability:

The product is stable when stored under the recommended conditions.

Possibility of hazardous reactions/Contions to avoid:

Hazardous reactions will not occur. Avoid heat and light.

Incompatible materials:

Amines, oxidizing materials and peroxides.

Sections 11. Toxicological information

Acute toxicity

Ld/lc50 values relevant for classification:

No data available

Skin irritation/corrosion:

No data available

Eye danger/irritation:

No data available

Respiratory or skin sensitization:

No data available

Reproductive cell mutagenicity:

No data available

Carcinogenicity:

No data available

Reproductive toxicity:

No data available

Sections 12. Ecological information

Biologic degradation:

No data available

Behavior in environmental compartments:

No data available

Eco-toxic effects:

No data available

Sections 13. Disposal cinsiderations

Waste disposal

Recommendation:

Dispose of in accordance with federal, state and local regulations.

Packaging

Recommendation:

Disposal in accordance with local provisions. Contaminated packages should be treated the same as the product itself.

Sections 14. Transport information

UN number:

Not regulated

UN proper shipping name:

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Not regulated

Transport hazard class:

-

Other requirements:

Not regulated

Sections 15. Regulatory information

The product needs to follow the local regulations.

Label precautionary statements:

harmful by inhalation, in contact with skin and if swallowed. Irritating to eyes, respiratory system and skin.

Sections 16. Other information

The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product. We make no warranty express or implied, with respect to the information and assume no liability. Product users should determine the suitability of this information for their own uses.