



MATERIAL SAFETY DATA SHEET
Guangzhou Yousu 3D Technology Co., Ltd.

Page: 1
Revision Date: 04/05/2024
MSDS Number: YS-PP2024001
Version: 1.0

MATERIAL SAFETY DATA SHEET

Section 1. Product and Company Identification

Product identifier

Product Name:

YOUSU PP Glue

Recommended use:

3D printing material

Manufacture/Supplier:

Guangzhou Yousu 3D Technology Co., Ltd.

Address:

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

E-mail:

sales@ysfilament.com

Website:

<http://www.ysfilament.com>

YOUSU



MATERIAL SAFETY DATA SHEET
Guangzhou Yousu 3D Technology Co., Ltd.

Page: 2
Revision Date: 04/05/2024
MSDS Number: YS-PP2024001
Version: 1.0

Section 2. Composition/Information on Ingredients

Chemical name or trivial, common or generic name	CAS No.	Content(%)
Polymer compound	9003-07-0	70~85
Dispersion	16606-55-6	10~14
Organosilicon Defoamer	/	0.3~0.5
Alkyl Sulfonic Ester	/	0.15~0.5

Section 3. Hazards Identification

Pictogram



Signal word:

Warning

Hazard statements:

H319 Causes serious eye irritation

Precautionary statements:

P264 Wash thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 if eye irritation persists: Get medical advice/ attention.

Any other product-specific hazards classification: N/A

Section 4. First-aid Measures

Inhalation:

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

Skin contact:

Wash with plenty of water.

Eye contact:

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. 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.

If swallowed:



MATERIAL SAFETY DATA SHEET
Guangzhou Yousu 3D Technology Co., Ltd.

Page: 3
Revision Date: 04/05/2024
MSDS Number: YS-PP2024001
Version: 1.0

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Section 5. Fire-fighting Measures

Extinguishing media:

This product is not hypergolic, use carbon dioxide or dry chemical.

Specific hazards arising from the chemical:

Carbon oxides

Combustible liquid.

Combustible.

Vapors are heavier than air and may spread along floors.

Forms explosive mixtures with air on intense heating.

Development of hazardous combustion gases or vapours possible in the event of fire. Risk of dust explosion.

Special precautions for firefighters:

Wear self-contained breathing apparatus for firefighting if necessary.

Remarks:

Prevent fire extinguishing water from contaminating surface water or the ground water system.

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:



MATERIAL SAFETY DATA SHEET
Guangzhou Yousu 3D Technology Co., Ltd.

Page: 4
Revision Date: 04/05/2024
MSDS Number: YS-PP2024001
Version: 1.0

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.

Material: Latex gloves

Minimum layer thickness: 0,6 mm

Break through time: 400 min

Material: Nitrile rubber

Minimum layer thickness: 0,4 mm

Break through time: 110 min

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:	Transparent	Flashing point:	>100°C/212F



MATERIAL SAFETY DATA SHEET
Guangzhou Yousu 3D Technology Co., Ltd.

Page: 5
Revision Date: 04/05/2024
MSDS Number: YS-PP2024001
Version: 1.0

Odor:	Peculiar smell	Explosion limits:	N/D
pH(20°C):	N/D	Vapor pressure:	N/D
Viscosity:	10000-15000 cps at 25°C /77F	Relative density:	N/D
Boiling range:	N/D	Solubility in water:	soluble 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 strong heating.

Incompatible materials:

Amines, acids, oxidizing materials and peroxides.

Sections 11. Toxicological information

Acute toxicity

Ld/Lc50 values relevant for classification:

No data available

Skin irritation/corrosion:

Skin - Rabbit

Result: No skin irritation

Eye danger/irritation:

Eyes - Rabbit

Result: irritating

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



MATERIAL SAFETY DATA SHEET
Guangzhou Yousu 3D Technology Co., Ltd.

Page: 6
Revision Date: 04/05/2024
MSDS Number: YS-PP2024001
Version: 1.0

Biologic degradation:

No data available

Behavior in environmental compartments:

No data available

Eco-toxic effects:

No data available

Sections 13. Disposal considerations

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:

Not regulated

Transport hazard class:

-

Other requirements:

Not regulated

Sections 15. Regulatory information

List of Goods banned for Importing

None of the components are listed.

List of Goods banned for Exporting

None of the components are listed.

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



优塑
YOUSU

MATERIAL SAFETY DATA SHEET

Guangzhou Yousu 3D Technology Co., Ltd.

Page: 7
Revision Date: 04/05/2024
MSDS Number: YS-PP2024001
Version: 1.0

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.

