

Material Safety Data Sheet

1. COMPANY IDENTIFICATION

Product Name EeezCast+

Product Use Printing material for XYZprinting 3D printer

Company XYZprinting, Inc.

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2. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

Physicochemical Hazards Flammable liquids Not classified

Health Hazards Acute toxicity (Inhalation: vapour) Category 4

Other hazards than mentioned above are not applicable or no data available.

2.2 Hazard Statements

Symbols



Signal Word Warning

Hazard Statements H332 Harmful if inhaled

Precautionary Statements

Prevention Precautionary Avoid breathing mist, vapours, spray, dust and fume.(P261)
Statements Use only outdoors or in a well-ventilated area.(P271)

Response Precautionary IF INHALED: If breathing is difficult, remove victim to fresh air
Statements and keep at rest in a position comfortable for breathing.
(P304+P340)

IF exposed or if you feel unwell: Call a doctor.(P309+P311)

3. COMPOSITION / INFORMATION ON INGREDIENTS

Information of Substances:

Mixtures

Chemical Name or Generic Name	Concentration or Its Ranges	Formula	ENCS No./ISHL No.		CAS RN
			ENCS No.	ISHL No.	
Acrylic monomer	> 80%	—	Registered	—	Registered
Photoinitiator	< 10%	—	Registered	—	Registered

4. FIRST AID MEASURES

4.1 Eye Contact

When the ocular stimulation lasts, Seek medical treatment and advice.

Wash eyes carefully for several minutes with water. Take off contact lenses if easily removed, and continue to wash eyes afterwards.

4.2 Skin Contact

Call a doctor if you feel unwell.

Wash the skin with flowing water or shower.

If skin irritation or rash occurs, get medical advice and attention.

4.3 Ingestion

Rinse a mouth. Don't make vomit by force.

Get medical treatment and advice.

4.4 Inhalation

Call a doctor if you feel unwell.

If breathing is difficult, move affected person to the open air. Keep him or her at rest to allow easier breathing.

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Foam. Carbon dioxide. BCF (where regulations permit). Dry chemical powder. Dry sand.

5.2. Special hazards arising from the substance or mixture

Move containers from fire area if you can do it without risk.

Cool containers with flooding quantities of water until well after fire is out.

Use extinguishing agent suitable for type of surrounding fire.

5.3. Protection of Fire Fighter

In fire fighting, wear respiratory protection and chemical protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions,

Protective Equipment and

Emergency Procedures

Do not touch or walk through spilled material.

Isolate the site as a leak area by providing a zone that has an appropriate width to all directions.

Keep unauthorized personnel away.

Stay upwind.

Wear appropriate personal protective equipment (Refer to "Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION") and avoid inhalation or contact with eyes and skin.

	Keep out of low areas.
	Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
Environmental Precautions	Do not release into the environment. Pay attention not to cause the influence on the environment by discharging into rivers.
Methods and Equipment for Containment and Cleaning up	All equipment used when handling the product must be grounded. After removal, flush contaminated area thoroughly with water. Small spills; absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Large spills; prevent flowing out with a dike and collect it at a safe place. Flush a floor fully. Neutralize rinsing water after rinsing, if needed.
Prevention Measures for Secondary Accidents	Removes all ignition sources promptly. (Prohibition of smoking, sparks, and flames in the surrounding area). Prevent flowing into drain, sewage, basement, and closed area.

7. **HANDLING AND STORAGE**

7.1 Handling procedures

Technical Measures	Provide ventilation system and use necessary personal protective equipment as described in "Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION".
Precautions for Safe Handling	Prohibit use of heat, sparks, and fire in the surrounding area. Wash hand thoroughly after handling. Handle at a well-ventilated place. Do not get in eyes, on skin or on clothing. Do not breath mist, vapors, spray, dust or fume. Do not swallow.
Prevents Handling of Incompatible Substances or Mixtures	Refer to "Section 10 - STABILITY AND REACTIVITY".
Specific Hygiene Measures	Wash hand thoroughly after handling.

7.2 Storage procedures

	Flammable - Keep Fire Away
	Storage may be subjected to national, state, or local laws.
Conditions for Safe Storage	Refer to "Section 10 - STABILITY AND REACTIVITY". Keep away from direct sunlight, high temperature and high humidity.

Keep in a well-ventilated place. Keep container tightly closed.

Keep in a cool place or at the designated storage temperature. Keep in a dark place.

Material Used in
Packaging/Container

Follow all regulations in your country.

Keep only in the original container.

8. **EXPOSURE CONTROLS MEASURES**

8.1. **Engineering Controls**

Facilities storing or utilizing this product should be equipped with an eyewash facility and safety shower.

Use explosion-proof electrical, ventilating and lighting equipment.

Handle at the workplace in which the suitable ventilator was installed.

8.2. **Personal Protective Equipment**



Respiratory protection

Wear an adequate protective apparatus for respiratory organs.

Hand Protection

Wear protective gloves.

Use impervious glove.

Eye/Face Protection

Wear eye protection.

Goggles (ordinary glass type with side shields, and goggle type)

Skin Protection

Wear suitable protective clothing.

Use impervious protective clothing (e.g. apron, rubber boots etc.) if needed.

9. **PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Form	liquid (transparence)
	Colour	brown
Odour		almost odorless
Odour threshold		no data available
pH		no data available
Melting Point/Freezing Point		$\leq 0^{\circ}\text{C}$
Initial Boiling Point and Boiling Ranges		no data available

Flash Point		140°C (—)
Evaporation Rate		no data available
Flammability (solid, gas)		no data available
Flammability or Explosive Limits	Lower Limit	no data available
	Upper Limit	no data available
Vapour Pressure		no data available
Vapour Density		no data available
Specific Gravity (Density)		1.08
Solubility		Insoluble in water, and soluble in acetone and in organic solvent
Partition Coefficient : n-Octanol/Water		no data available
Auto-Ignition Temperature		no data available
Decomposition Temperature		no data available
Viscosity		240 mPa · s (25°C)
Other Property		Flashing point : as raw material

10. **STABILITY AND REACTIVITY**

Chemical stability and Reactivity	Stable to light, heat and impact under the light- shielding condition.
Possibility of Hazardous Reaction	No data available
Conditions to Avoid	Heating.Direct sunlight. High-temperature material. Spark. Naked flame.
Incompatible Substances or Mixtures	Strong oxidizers,peroxides,iron,basic substance,metal compounds
Hazardous Decomposition Products	No data available

11. **TOXICOLOGICAL INFORMATION**

Acute Toxicity	No information available
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12. **ECOLOGICAL INFORMATION**

Ecological Toxicity	N/DA
Hazardous to the ozone layer	N/DA

13. DISPOSAL CONSIDERATIONS

Residual Waste

Incinerate in small portions with an incinerator or entrust to an industrial waste disposal company approved by the local authority.

Discharge, treatment, or disposal may be subjected to national, state, or local laws.

Incineration; Carry out as small portion to prevent dust and droplet dispersion into the air.

Contaminated Container and Packaging

If possible, clean up and recycle. Or perform suitable processing in accordance with regulation.

Remove residual contents completely before an empty container is discarded.

14. TRANSPORT INFORMATION

International Regulations

Regulatory

Not applicable

Information by Sea

Transport in bulk

Not applicable

according to

MARPOL

73/78,Annex II,and

the IBC code

Regulatory

Not applicable

Information by Air

Specific Safety Measures

Check the container for any leaks and breakages. Load up carefully to prevent a fall, a overturning and a breakage. Carry out prevention to unpiling of cargo. Do not wet container. Do not handle roughly.

15. REGULATORY INFORMATION

Follow all regulations in your country.

16. OTHER INFORMATION

Reference

Shelf Life 8 month

To the best of our knowledge the information contained herein is accurate. However, XYZprinting, Inc. makes no warranty, expressed or implied, regarding the accuracy of these results to be obtained from the use thereof. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. This information in this Material Safety Data Sheets (MSDS) is based on current information. The content of this data sheet is subject to change without notice. XYZprinting no liability can be assumed for the accuracy and completeness of this information. The information for this MSDS only applies to specific material. It does not apply to combine with other materials to use or ways of processing.

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