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**MATERIAL SAFETY DATA SHEET**


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**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**


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**PRODUCT NAME: High Tg & High Speed Prepreg (S7439CB)****Tg& S7439CB****PRODUCT USE:** Substrate for printed circuitry**NAME of COMPANY and ADDRESS:** SHENGYI TECHNOLOGY CO.,LTD.No.5 Western Industry Road New and high-tech Industrial Development Zone,  
Dongguan SSL Sci. Dongguan City, Guangdong ,P.R.China

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**FOR MORE INFORMATION CALL:**

(Monday-Friday, 8:00am-5:00pm)

(0769)22271828( )\ 22899388( )

**IN CASE OF EMERGENCY CALL:**

(24 Hours/Day, 7 Days/Week)

(0769)22271828( )\ 22899388( )

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**2.HAZARDS IDENTIFICATION**


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**EMERGENCY OVERVIEW:**

A nonflammable, sheet material. Dust, when machined or punched may cause skin or eye irritation. Fumes, if decomposed may irritate eyes, nose, and throat.

**POTENTIAL HEALTH HAZARDS:****SKIN:** Dust may cause moderate skin irritation.**EYES:** Dust may cause moderate eye irritation. Fumes may irritate eyes.**INHALATION:** Fibrous glass dust may be released from the fiber-glass cloth substrate when machined.**INGESTION:** Not determined.

**DELAYED EFFECTS:** Our product is reinforced with continuous filament fiber glass. Dust generated from the cutting, grinding, machining, etc., would not be expected to produce respirable particles. IARC considers continuous filaments as unclassifiable or probably non-carcinogenic.

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**3. COMPOSITION/INFORMATION ON INGREDIENTS**


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INGREDIENT NAME	CAS #	WEIGHT %
Continuous Filament Fiber Glass	(65997-17-3)	15-65
Inorganic fillers	Trade secret	10-30
Resin mixture	Trade secret	25-65

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**4. FIRST AID MEASURES****SKIN:** Wash in flowing water or shower. Remove contaminated clothing.**EYE:** Irrigate with flowing water for 15 minutes. If irritation persists, consult a physician.

**INHALATION:** If overcome by dust or smoke, move to fresh air. If not breathing, give mouth-to-mouth resuscitation. Call physician.

**INGESTION:** If large amounts are ingested, consult physician.

**ADVICE TO PHYSICIAN:** Treat symptomatically

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## 5. FIRE FIGHTING MEASURES

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**FLAMMABLE PROPERTIES:** N/A

**FLASH POINT:** N/A

**FLASH POINT METHOD:** N/A

**AUTOIGNITION TEMPERATURE:** Not determined

**UPPER FLAME LIMIT (Volume % in air):** N/A

**LOWER FLAME LIMIT (Volume % in air):** N/A

**FLAME PROPAGATION RATE (Solids):** UL V-O  
UL V-O

**OSHA FLAMMABILITY CLASS:** N/A

**OSHA**

**EXTINGUISHING MEDIA:** Water, CO2 and dry chemical  
CO2

**SPECIAL FIREFIGHTING PRECAUTIONS/INSTRUCTIONS:**

Firemen should wear proper protective equipment and positive pressure self-contained breathing apparatus.

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## 6. ACCIDENTAL RELEASE MEASURES

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**IN CASE OF SPILL OR OTHER RELEASE:** (Always wear recommended personal protection equipment)

Not applicable, material is an article.

**Spills and releases may have to be reported to local authorities.**

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## 7. HANDLING AND STORAGE

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**NORMAL HANDLING:** (Always wear recommended personal protective equipment.)

The primary exposure route is inhalation of dust when from fumes or vapors when heated.

**STORAGE RECOMMENDATIONS:** N/A

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION /

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**ENGINEERING CONTROLS:** Use local exhaust ventilation to control dust.

**PERSONAL PROTECTIVE EQUIPMENT:**

**SKIN PROTECTION:** For brief contact to dust, no precautions other than clean body-covering clothing should

needed. Use gloves and aprons when prolonged or frequently repeated contact occurs.

**EYE PROTECTION:** Use appropriate eye protection when machining material.

**RESPIRATORY PROTECTION:** When respiratory protection is required for certain operations, use a NIOSH-approved dust respirator.

**ADDITIONAL RECOMMENDATIONS:** N/A

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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**APPEARANCE:** Yellow to amber sheets

**PHYSICAL STATE:** Solid

**ODOR:** None, unless heated

**SPECIFIC GRAVITY:** (Water = 1.0) 1.3 +/- 0.25  
=1.0 1.3+/-0.25

**SOLUBILITY IN WATER:** (Weight %) Negligible in water  
%

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## 10. STABILITY AND REACTIVITY

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**NORMALLY STABLE?** (conditions to avoid) Stable

**INCOMPATIBILITIES:** Not determined

**HAZARDOUS DECOMPOSITION PRODUCTS:** CO, CO<sub>2</sub>, Oxides of nitrogen if heated in excess of 300 deg. C.  
CO, CO<sub>2</sub>, NO<sub>x</sub> 300

**HAZARDOUS POLYMERIZATION?** None

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## 11. TOXICOLOGICAL INFORMATION

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**IMMEDIATE (ACUTE) EFFECTS:** Dust may cause moderate eye, skin and respiratory irritation.

**DELAYED (SUBCHRONIC & CHRONIC) EFFECTS:** NTP has determined that respirable size glasswool may be reasonably anticipated to be a carcinogen. IARC has also classified glasswool as a possible carcinogen. Our product is reinforced with continuous filament fiber glass. Dust generated from the cutting, grinding, machining, etc., would not be expected to produce respirable particles. IARC considers continuous glass filaments as unclassifiable or probably non-carcinogenic.

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## 12. ECOLOGICAL INFORMATION

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Not Biodegradable

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## 13. DISPOSAL CONSIDERATIONS

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**Is the unused product a hazardous waste if discarded?** No

**OTHER DISPOSAL CONSIDERATIONS:** Disposal must be made in accordance with all applicable Local

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regulations.

**Suggestion method after products will be discarded:**

1. Incineration method: incinerate the unused products, this method may produce some organic compound gas.
2. Bury into deep earth.

- 1.
  - 2.
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**14. TRANSPORT INFORMATION**

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For additional information on shipping regulations affecting this material, contact the information number found on the first page.

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**15. REGULATORY INFORMATION**

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**HAZARDOUS WASTE SUBSTANCES LIST OF COUNTRY:****ADDITIONAL REGULATORY INFORMATION:**

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SHENGYI TECHNOLOGY CO.,LTD.does not use polybromide-biphenyls or polybromide-biphenyloxides as a fire retardant in any of our epoxy resin systems.

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**16. OTHER INFORMATION**

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**CURRENT ISSUE DATE:** 20/10/2017

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**PREVIOUS ISSUE DATE:** 20/10/2017

20/10/2017