



Material Safety Data Sheet

Product Name: SHINITE® PBT E202G# (#: 5~40% glass content)
Revision Number: 4
Version Date: 2007/11/5

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1. Chemical, Product and Company Identification	
PRODUCT	SHINITE® PBT E202G# (#: 5~40% glass content)
COMPANY	Shinkong Synthetic Fibers Corporation, Engineering Plastic Division, 8F, 123, Sec. 2, Nanking East Road, Taipei, Taiwan
PHONE	886-2-2507-1251, 886-3-493-2131
FAX	886-2-2506-5047, 886-3-491-5763
2. Composition/ Information on Ingredients	
Chemical Characterization : Polybutylene Terephthalate (PBT) (CAS# 30965-26-5) ISO 1043-4 Code number for Flame retardants: FR(17) Glass Fiber (CAS# 65997-17-3).	
3. Hazards Identification	
Hazardous Decomposition Products : Processing fumes evolved at recommended processing conditions contain trace levels of hydrogen bromide.	
4. First Aid Measures	
If molten polymer contacts the skin or eyes, cool rapidly with cold water. DO NOT use solvent for removal. DO NOT attempt to remove the polymer from the skin! Obtain IMMEDIATE medical attention.	
5. Fire Fighting Measures	
Suitable - water spray and foam. Water is the best. Approved pressure demand breathing apparatus and protective clothing should be used for all fires.	
6. Accidental release measures	
Sweep up and dispose in proper containers to prevent slipping hazards.	



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7. Handling and storage

Handling :

Follow recommendations in processing guide. Prevent contact with skin and eyes.
Provide adequate ventilation in molding work.

Storage :

Store in a cool and dry place. Keep containers tightly closed to prevent moisture absorption and contamination

8. Exposure Controls/ Personal Protection

Industrial Hygiene :

A continuous supply of fresh air to the workplace together with removal of processing fumes through exhaust systems is recommended.

Personal Protective Equipment :

Respiratory protection - dust mask

Eye protection - safety glasses

Hand protection - thermal protective gloves should be worn around molten plastic

9. Exposure Controls/ Personal Protection

Melting Point (°C) : 225°C

Density @ 25°C : 1.35 – 1.75 g/cm³

ASTM D 1505

Form : Granules

Vapor Pressure : Not applicable

Solubility in Water : Insoluble

Ignition Temperature (°C) : 450°C, estimated

10. Stability and Reactivity

Stability : Stable under recommended conditions of storage and handling.

Reactivity : Not reactive under recommended conditions of storage, handling, processing and use.

Thermal Decomposition : None under 400°C

Explosion : Not sensitive to impact and static discharge.



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11. Toxicological information

Product not considered primary eye and skin irritant.

TOXIC : N/A

12. Ecological information

We recommend this material be disposed of by properly scrubbed incineration or recycling

Not expected to present any significant ecological problems.

13. Disposal considerations

Product is not a RCRA hazardous waste. Recycling is encouraged. Dispose of using good manufacturing practices under local regulations for your area.

14. Transport information

GGVSEE/IMDG Code :

UN No. : None

ICAO/IATA-DGR : Not Regulated

GGVE/GGVS :

RID/ADR :

ADNR :

DOT Hazard Class : Not Regulated

Proper Shipping Name : Not Regulated

Identification Number : Not Listed

TDGA : Not Listed

15. Regulatory Information

TSCA Status : This product complies with Chemical Substance Inventory requirements of the US EPA Toxic Substances Control Act (TSCA).

WHMIS Classification : Not a controlled product.

16. Other information

SHINITE is a registered trademark of the SHINKONG SYNTHETIC FIBERS CO.