



Safety Data Sheet

Product Name: SHINITE[®] PBT D201 DHK006

Revision Number: 7

Version Date: 6/13/2024

"This product does not legally require a Safety Data Sheet. Therefore this document may divert in form and content from the current requirements of Safety Data Sheets."

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1. Chemical, Product and Company Identification

PRODUCT	SHINITE [®] PBT D201 DHK006
COMPANY	Shinkong Synthetic Fibers Corporation, Advanced Materials Production Center, 5F., No. 136, Sec. 3, Ren'ai Rd., Da'an Dist., Taipei 106465, Taiwan(R.O.C)
PHONE	886-(0)2-2507-1251, 886-(0)3-493-2131
FAX	886-(0)2-2506-8047, 886-(0)3-493-2131 ext1722

2. Hazards Identification

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

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·Classification of the product

No need for classification according to GHS criteria for this product.

Label elements

The product does not require a hazard warning label in accordance with GHS criteria.

Hazards not otherwise classified

No specific dangers known, if the regulations/notes for storage and handling are considered..

3. Composition/ Information on Ingredients

Chemical characterization:

· **Description:** Glass-fiber reinforced polybutylene terephthalate fired retarded with a Nitrogen compounds and Organophosphorus salt flame retardant substance additionally.

Polybutylene Terephthalate (PBT) (CAS# 26062-94-2)

· Additional information:

Not applicable.

4. First Aid Measures



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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.

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 - Wear respiratory protection if ventilation is inadequate. Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator.

Eye protection - safety glasses

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

9. Physical and chemical properties



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Melting Point (°C) : 225°C

Density @ 25°C : 1.25- 1.35 g/cm³

ASTM D 1505

Form : Granules

Color : All Color

Odor : None

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.

11. Toxicological information

Product not considered primary eye and skin irritant.

Repeated dose toxicity

Assessment of repeated dose toxicity: No applicable information available.

Genetic toxicity

Assessment of mutagenicity: Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

Carcinogenicity

Assessment of carcinogenicity: No applicable information available.

Reproductive toxicity



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Assessment of reproduction toxicity: No applicable information available.

Teratogenicity

Assessment of teratogenicity: Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

Other Information

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated use

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



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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.