

Material Safety Data Sheet

Shanghai Pushing Polymer Materials Co., Ltd.

COMPANY IDENTIFICATION

Manufacturer:

Shanghai Pushing Polymer Materials Co., Ltd.
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Preparation Date: 03/27/2019

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Hours: 24 hrs a day

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION

PRODUCT NAME: DB100

Chemical name: Poly (tetrafluoroethylene)

Common name: PTFE SAN

PRODUCT USE:

Specific Use: Fluorothermoplastic

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

No hazardous Ingredient:

Ingredient name and classification	CAS number	Percentage
Poly (tetrafluoroethylene)	9002-84-0	100%

SECTION 3: HAZARDS IDENTIFICATION

Main hazards and effects:

None known. In case of occurrence of dust, risk of dust explosion

SECTION 4: FIRST AID MEASURES

Swallowing

Do not induce vomiting. Rinse mouth with water. Obtain medical attention.

Inhalation

Remove to fresh air. Obtain medical attention if symptoms persist.

Skin contact

Wash skin with soap and water. No harmful effects expected.

Eye contact

Immediately flush eyes with water and continue washing for at least 15 minutes. Obtain medical attention if discomfort persists.

SECTION 5: FIRE-FIGHTING MEASURES

Hazardous combustion products

Toxic gases/vapors

Special fire fighting procedures

Do not discharge extinguishing waters into streams, rivers and lakes.

Special protective equipment for firefighters

Body covering protective clothing, full "turn-out" gear.

Self-contained breathing apparatus.

Extinguishing media

Suitable: -CO₂
 -dry powder
 -foam
 -water fog

Unsuitable: -water spray

Unusual fire and explosion hazards

Avoid dispersion of dust in air to reduce potential for dust ignition/explosions., Toxic gases/vapors.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions

Wear suitable protective equipment. Do not breath dust. Eliminate sources of ignition. Avoid contact skin and eyes.

Environmental precautions

Prevent from entering sewer system, surface water or soil.

Methods for cleaning up

Avoid dispersion of dust.

Sweep up and collect in a suitable container for disposal.

SECTION 7: HANDLING AND STORAGE

HANDLING

Handling precautions

Normal precautions common to good safety practice should be followed in handling. Use with adequate ventilation. Avoid breathing dust. Keep container tightly closed. Keep away from sources of ignition -No smoking.

STORAGE

Storage requirements

Keep container tightly closed in a cool, well-ventilated place. In case of occurrence of dust, risk of dust explosion.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMIT VALUES

No other exposure limits have been established.

PERSONAL PROTECTION

Respiratory protection

Dust respirator, if dusting conditions exist.

Hand protection/ protective gloves

Gauntlet type gloves of PVC.

Eye protection

Safety glasses with side shields.

Skin protection

Wear protective clothing, such as long sleeves to minimize skin contact.

ENGINEERING CONTROLS

Ventilation

General mechanical room ventilation is satisfactory for normal handling and storage operations.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Physical solid

Odor slight

OTHER PROPERTIES

Vapor pressure

Solubility in water Insoluble

Evaporation rate (Butyl Acetate=1) Negligible

Partitioning coefficient not available

Percent volatiles Negligible

SECTION 10: STABILITY AND REACTIVITY

Stability: This product is stable under normal storage and handle conditions.

Stability- Conditions to avoid:

Excessive temperatures.

Hazardous combustion products:

Toxic gases/vapors

SECTION 11: TOXICOLOGICAL INFORMATION

GENERAL

This product is not testes. No evidence of harmful effects from available information.

SWALLOWING

Test results

Acute toxicity

LD50 Rat

Result: > 5.000 mg/kg

Remark: Test results are based on analogy with a similar material.

SKIN CONTACT

Test results

Skin irritation

Remark: Not irritating

Test results are based on analogy with a similar material.

EYE CONTACT

Test results

Eye irritation

Remark: Not irritating

Test results are based on analogy with a similar material.

SECTION 12: ECOLOGICAL INFORMATION

This product is not tested.

SECTION 13: DISPOSAL INFORMATION

General: Avid discharge to sewers and natural waters. Bury in a landfill or incinerate in a accordance with applicable and local regulations.

SECTION 14: TRANSPORT INFORMATION

ADR/RID

This product is not regulated by ADR.

IMDG Classification

This product is not regulated by IMDG.

ICAO Classification

This product is not regulated by ICAO.

SECTION 15: REGULATORY INFORMATION

EC Classification

Not classified as dangerous under the requirements of the Dangerous Substances Directive or the Dangerous Preparations Directive.

WGK : Non water endangering substance.

CHEMICAL INVENTORY

Canada: This product is on the DSL.

Europe: This product is on the ELINCS inventory.

United State: This product is on the TSCA inventory.

Australia: This product is on the AICS inventory.

China: This product is on the IECSC inventory.

Japan: This product is on the ENCS inventory.

Korea: This product is listed on the Existing Chemicals List (ECL).

Philippines: This product is on the PICCS.

THE OPINIONS EXPRESSED ARE THOSE OF QUALIFIED EXPERTS WITHIN SHANGHAI PUSHING. WE BELIEVE THAT THE INFORMATION CONTAINED HEREIN IS CURRENT AS OF THE DATE OF THIS SAFETY DATA SHEET. SINCE THE USE OF THIS INFORMATION AND OF THESE OPINIONS AND THE CONDITIONS OF USE OF THIS PRODUCT ARE NOT WITHIN THE CONTROL OF SHANGHAI PUSHING, IT IS THE USER'S OBLIGATION TO DETERMINE THE CONDITIONS OF SAFE USE OF THE PRODUCTS.