

# Material Safety Data Sheet

Shanghai Pushing Polymer Materials Co., Ltd.

## COMPANY IDENTIFICATION

**Manufacturer:**

**Preparation Date:** 11/2/2020

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## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION

### PRODUCT NAME: DB109

Chemical name: Methylmethacrylate polymer with Poly(tetrafluoroethylene)

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## SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

No hazardous Ingredient:

Ingredient name and classification	CAS number	Percentage
Poly(tetrafluoroethylene)	9002-84-0	50%
Poly(methylmethacrylate)	9011-14-7	50%

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## SECTION 3: HAZARDS IDENTIFICATION

Main hazards and effects:

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

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## 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.

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## 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: -CO<sub>2</sub>

-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.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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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.

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## SECTION 7: HANDLING AND STORAGE

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### **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.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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## **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.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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### **APPEARANCE**

Appearance solid

Odor slight

Color white

### **OTHER PROPERTIES**

PH value not applicable

Odor threshold no data

Solubility in water insoluble

Partition coefficient: n-octanol/water no data

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## SECTION 10: STABILITY AND REACTIVITY

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

Stability Conditions Required.

To avoid:

Excessive temperatures.

Hazardous combustion products.

Toxic gases/vapors.

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## SECTION 11: TOXICOLOGICAL INFORMATION

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### **GENERAL**

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

### **SWALLOWING**

Test results  
Acute toxicity LD50 Rat  
Oral: > 15,000 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.

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## SECTION 12: ECOLOGICAL INFORMATION

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This product is not tested.

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## SECTION 13: DISPOSAL INFORMATION

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

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## SECTION 14: TRANSPORT INFORMATION

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### **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.

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## SECTION 15: REGULATORY INFORMATION

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### **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.

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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.