



**MATERIAL SAFETY DATA SHEET****SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT NAME:** D-PREN

**CHEMICAL NAME:** styrene butadiene blend

**CHEMICAL FAMILY:** Rubber

**PRODUCT DESCRIPTION:** Opaque white pellets

**CONTACT ADDRESS:**

Centerplastics Enterprise co. Ltd, Eastern Industrial road, zip: 516127,  
Shiwan Town, Boluo Area, Huizhou, Guandong, P.R.China

**EMERGENCY TELEPHONE NUMBERS:** +86 159 896 61 157

**NON EMERGENCY TELEPHONE NUMBERS :**

Office working hours: 9.00 -12.30 - 14.00-18.00  
Tel.: +86 752 611 6072/6073 - Fax: +86 752 611 6070

**SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS**

**COMPOSITION COMMENTS:**

Does not contain any harmful or hazardous ingredients.

**SECTION 3 HAZARDS IDENTIFICATION**

**POTENTIAL HEALTH EFFECTS**

**EYE CONTACT:** Particulates may scratch eye surfaces/cause mechanical irritation.

**SKIN CONTACT:** Negligible hazard at ambient temperatures (-18 to +38 degrees C; 0 to 100 degrees F). Exposure to hot material may cause thermal burns.

**INHALATION:** Negligible hazard at ambient temperature (-18 to 38 Deg C; 0 to 100 Deg F) Vapors and/or aerosols which may be formed at elevated temperatures may be irritating to eyes and respiratory tract.

**INGESTION:** Minimal toxicity.

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### SECTION 4 FIRST AID MEASURES

**EYE CONTACT:** This product is an inert solid. If in eye, remove as one would any foreign object.

Dust in the eyes: Do not rub eye.

**HOT PRODUCT:** Immediately immerse in or flush the affected area with large amounts of cold water to dissipate heat. Cover with clean cotton sheeting or gauze and get prompt medical attention. No attempt should be made to remove material from skin or to remove contaminated clothing, as the damaged flesh can be easily torn.

**INHALATION:** In case of adverse exposure to vapors and/or aerosols formed at elevated temperatures, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention.

**INGESTION:** First aid is normally not required.

### SECTION 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

**Larger fires:** Alcohol resistant foam. Water spray, fog or mist.

**Small fires:** Water spray, dry powder or carbon dioxide. Dry chemicals, sand, dolomite etc.

#### SPECIFIC HAZARDS

Not classified as flammable but will burn. Carbon Monoxide may be evolved if incomplete combustion occurs.

#### PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

### SECTION 6 ACCIDENTAL RELEASE MEASURES

#### LAND SPILL

Recover spilled material and place in suitable containers for recycle or disposal.

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### SECTION 7 STORAGE AND HANDLING

STORAGE TEMPERATURE, °F: Ambient

LOADING/UNLOADING TEMPERATURE, °F: Ambient

STORAGE/TRANSPORT PRESSURE, mmHg: Atmospheric

LOADING/UNLOADING VISCOSITY. cSt: Solid

**STORAGE AND HANDLING:** Keep container closed. Handle and open containers with care. Store in a cool, well ventilated place. Do NOT handle or store near an open flame, heat or other sources of ignition. Protect material from direct sunlight.

### SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

#### EXPOSURE CONTROLS

Local exhaust ventilation of process equipment may be needed to control particulate exposures.

#### PERSONAL PROTECTION

Where contact may occur with hot material, wear thermal resistant gloves, arm protection, and a face shield. Where contact is likely with open systems at ambient temperatures (-18 to 38 deg C, 0 to 100 deg F), wear safety glasses with side shields.

### SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

SOLUBILITY IN WATER, wt. % at °F: Insoluble

VISCOSITY OF LIQUID, cSt at °F: Not applicable SP.

GRAV. OF VAPOR, at 1 atm (Air=1): Not Applicable

EVAPORATION RATE, n-Bu Acetate=1: Not applicable

BOILING POINT, °F: Not applicable

SPECIFIC GRAVITY, °F: 0.90 - 1.15

VAPOR PRESSURE, mmHg at °F: Not Available

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**FLASH POINT (°C):** >200 Unknown.

### SECTION 10 STABILITY AND REACTIVITY

#### STABILITY

Stable under normal temperature conditions and recommended use.

#### CONDITIONS TO AVOID

None known.

#### HAZARDOUS POLYMERISATION

Will not occur

#### MATERIALS TO AVOID

No incompatible groups noted.

### SECTION 11 TOXICOLOGICAL INFORMATION

#### SKIN CONTACT

No specific health warnings noted.

#### EYE CONTACT

No specific health warnings noted.

#### HEALTH WARNINGS

No specific health warnings noted.

### SECTION 12 ECOLOGICAL INFORMATION

#### ECOTOXICITY

Not regarded as dangerous for the environment.

#### MOBILITY

Not relevant, due to the form of the product.

#### BIOACCUMULATION

The product is not bioaccumulating.

#### DEGRADABILITY

The product is not readily biodegradable.



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### ACUTE FISH TOXICITY

Not considered toxic to fish.

## SECTION 13 DISPOSAL CONSIDERATIONS

### DISPOSAL METHODS

Incinerate in suitable combustion chamber. or Dispose of on site land-fill area.

## SECTION 14 TRANSPORT INFORMATION

### GENERAL

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

No transport warning sign required.

<b>ROAD TRANSPORT NOTES</b>	Not Classified
<b>RAIL TRANSPORT NOTES</b>	Not Classified.
<b>SEA TRANSPORT NOTES</b>	Not Classified.
<b>AIR TRANSPORT NOTES</b>	Not Classified.

## SECTION 15 REGULATORY INFORMATION

<b>RISK PHRASES</b>	NC	Not classified.
<b>SAFETY PHRASES</b>	NC	Not classified.

## SECTION 16 OTHER INFORMATION

**NOTES:** National Fire Protection Association standards NFPA 654 and 68 indicate possible explosion hazard of dust particles. Conform accordingly. Avoid accumulation of dust or dust clouds; operate handling and storage systems leak free, practice good housekeeping. Keep from sources of ignition. Do not store near heat, flame, or strong oxidants. Assure proper electrical grounding of all handling equipment.

Product may also contain varying levels of additives, such as slip and no blocking agents, antioxidants, stabilizers, and corrosion inhibitors. Certain grades may contain talcum, as an additive that is encapsulated in the polymer. Inhaled talcum in an occupational environment has been not classified as a Group 1 human carcinogen by the International Agency for Research on Cancer. Centerplastics limited Company has assessed the potential for release of talcum to the air when this polymer is handled and has determined that talcum encapsulated in this polymer

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is not expected to pose a health hazard when processed under normal conditions of use.

**REVISION SUMMARY:** March 2011

**REVISION N.1**

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