

## MATERIAL SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: **MASTERPREN® 1010**

Company: BASF South East Asia Pte Ltd

Address: 33 Tuas Avenue 11

639090 Singapore

Telephone number: +65 6861 6766

Facsimile: +65 6861 3186

Emergency telephone numbers: +65 6861 6766

### 2. HAZARDS IDENTIFICATION

Safety hazards: Not known.

Health hazards: Inhalation: In case of extreme exposures to fumes, irritation of upper respiratory tract, coughing and congestion may occur.

Skin: Temporary itching or redness may occur.

Ingestion: If ingested, irritation of the gastrointestinal tract may occur.

Environmental hazards: See section 12.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization: Bitumen, Styrene Butadiene Styrene, Polyethylene

Hazardous ingredients: Does not contain any hazardous ingredients.

CAS No.: 64742-93-4 Bitumen

9003-55-8 Styrene Butadiene Styrene

Polyethylene – not required

Hazard symbols: n.a.

R-phrases: n.a.

% concentration: n.a.

### 4. FIRST AID MEASURES

#### Immediate treatment

Eye contact: Do not rub or scratch. Dust particles may cause the eye to be scratched. Wash eyes with copious amount of water for several minutes. If irritation persists, seek medical attention.

Skin contact: Remove contaminated clothes immediately. Wash affected area with soap and plenty of water. If irritation occurs, obtain medical attention.

Inhalation: Remove affected person to fresh air. Drink water to clear throat and blow nose to remove dust. If symptoms persist, obtain medical attention.

Ingestion: If swallowed, obtain medical attention immediately. Induce vomiting only on the advice of physician.

## MATERIAL SAFETY DATA SHEET

### 5. FIRE FIGHTING MEASURES

Special hazards: Emits CO, CO<sub>2</sub>, Carbon particles.  
Protective equipment: Use respiratory protective equipment for fighting fire.  
Extinguishing agents: Use carbon dioxide, dry chemical powder or universal type foams.

### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions: No precautions required.  
Containment Procedures: Pick up large pieces. Vacuum dust. If sweeping is necessary, use dust suppressant such as water. Do not dry sweep dust accumulation.  
Environmental precautions: Wastes are not hazardous as defined by the resource conservation and recovery act.

### 7. HANDLING AND STORAGE

Handling: There is no health hazards associated with normal usage. Use protective tools such as gloves and goggles with side shields while handling to avoid injury.  
Requirements for storage rooms: Store in shaded areas and away from direct sunlight. Protect from extremes of temperature. Keep containers tightly closed and dry.  
Materials not to be stored together: Not identified.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal Protective Equipment:  
Respiratory protection: Use ori-nasal respirator if product required in confined spaces.  
Eye protection: Safety goggles with side shields.  
Hand protection: Impervious gloves.  
Body protection: Wash hands before breaks and after finishing work.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state : Solid  
Colour : Black  
Odour : Characteristic  
Boiling point : > 300°C  
Melting point : > 110°C  
Flash point : n.a.  
Self ignition : None  
Rate of burning : Not determined  
Vapour density : n.a.  
Specific gravity at 25°C : 1.02 – 1.03

## MATERIAL SAFETY DATA SHEET

Vapour pressure, KPa at 20°C : n.a.  
pH value : n.a.  
Solubility in water : Nil.

### 10. STABILITY AND REACTIVITY

Stability: Stable.  
Hazardous reactions (conditions to avoid): Avoid direct exposure to very high heat or flame or solvents.  
Materials to avoid: Strong oxidising agents, reducing agents, strong solvents, strong acids and alkalis.  
Hazardous decomposition products: Decomposition mainly derived from ageing or burning of the products. These decomposition products may include carbon monoxide, carbon dioxide, carbon particles and hydrocarbons.

### 11. TOXICOLOGICAL INFORMATION

This product is Non-toxic.

### 12. ECOLOGICAL INFORMATION

Mobility: Non mobile solid.  
Bio-accumulative potential: Non Bio-degradable.  
Eco-toxicity: Not eco-friendly.  
Acute Toxicity: Not toxic.

### 13. DISPOSAL CONSIDERATIONS

Disposal: Use licensed waste disposal contractors and consult local authority when disposing.

### 14. TRANSPORT INFORMATION

This product is not classified as non-hazardous goods for transport.

### 15. REGULATORY INFORMATION

Labeling: Non-hazardous  
Symbol: Non flammable  
R-phrases: n.a.  
S-phrases: S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.



The Chemical Company

## MATERIAL SAFETY DATA SHEET

### 16. OTHER INFORMATION

Reason for issue: Review and update.

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request. All information contained in this MSDS is as accurate and up-to-date as possible. No warranty expressed or implied is made as to its accuracy, reliability or completeness.