



SOPREMA FOR MANUFACTURING WATERPROOFING MATERIALS L.L.C

MATERIAL SAFETY DATA SHEET
SBS MODIFIED BITUMINIOUS SHEET MEMBRANES
REVIEW DATE: 10 MARCH 2021

1) GENERAL:

Application Field : Construction Industry
Product Usage : Waterproofing Purposes
Product Names : COLPHENE BSW UNILAY HP 4.5, COLPHENE BSW H 3.5, COLPHENE BSW H 4.5, COLPHENE BSW V 3.0, COLPHENE BSW BASE 4.0
Supplier/Manufacturer : SOPREMA for manufacturing waterproofing Materials L.L.C
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2) INGREDIENTS COMPOSITION:

High melting point bitumen, modified with elastomers "SBS" (Styrene Butadiene Styrene), and coated over a reinforcement sheet of synthetic materials "Polyester &/or Fiberglass", made as rolls with thickness from 3 to 4.5mm. Surface is covered with Specially Engineered Silicon Dioxide Crystals or Polyethylene sheets.

3) POTENTIAL HAZARDS:

- **Eye contact :** Precaution of tiny splashes is needed when membranes are heated to be applied.
- **Skin contact :** No harm if cold, but severe burns might be caused if touched while torching during application.
- **Inhalation :** No major hazards, but avoid fumes when heated.
- **Swallowing :** Not poisonous, but must not be swallowed

4) FIRST AID MEASURES:

- **General :** When heated fumes and splashes can be expected, avoid both by wearing proper attire. In case of skin burn due to contact with molten material, do not try to remove asphalt but cool the contact area with lot of fresh water. The asphalt may be removed then by gentle rubbing with kerosene.
- **Eye contact :** Irrigate with clean water and consult a physician.
- **Skin contact :** Cool immediately with lot of clean water, and consult Medical help to cure the burn.
- **Inhalation :** In the event of discomfort as a result of inhalation, move person to fresh air in a well-ventilated area.
- **Swallowing :** If swallowed, no major harm is expected for small portions.

5) PHYSICAL / CHEMICAL PROPERTIES:

- **Appearance :** Solid
- **Odour :** Very minor when cold, increase when heated.
- **Color :** Black
- **Flash point :** 225 °C.



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6) STABILITY AND REACTIVITY:

Reactivity : Stable, does not have a specified shelf life. And does not react with salt, mild acids and alkalis.

Conditions to avoid : Prolonged heating at temperatures above 200°C

7) TOXICOLOGICAL PROPERTIES:

Not toxic.

8) ECOLOGICAL INFORMATION:

Not toxic.

9) FIRE FIGHTING MEASURES:

- Flammability : Combustible rather than flammable.
- Extinguishing Media : Foam or carbon dioxide extinguishers. Do not use water jet
- Recommendations : No special recommendation.

10) ACCIDENTAL RELEASE MEASURES:

Cool and well ventilated areas.

11) HANDLING AND STORAGE:

Handling: No special handling recommendation. However, proper safety procedures should be taken when lifting the roll not to injure workers back and muscles.

Storage: Keep away from open flames, hot surfaces and sources of ignition.
Storing in a neat arrangement in upright positioning of rolls allowing access to fire extinguishers in storage area.

12) EXPOSURE CONTROLS/PERSONAL PROTECTION:

No special protection recommendation is applicable. However during application of blow torch use heat insulated gloves, safety shoes, safety goggles and full protective flameproof clothing.

13) TRANSPORTATION INFORMATION:

No special transportation precaution recommendation is applicable. However, rolls are to be transported in upright manner to avoid deformation of the shape of the roll.

14) REGULATORY INFORMATION:

No regulatory precautions are applicable for this product when cold.

15) HS CODE NO: 68071000 OTHER INFORMATION:

Only specialized and trained workers should apply this product as it can inflict very severe burns when it is hot.