



SOPREMA FOR MANUFACTURING WATERPROOFING MATERIALS L.L.C

MATERIAL SAFETY DATA SHEET
COLPHENE DPE (COLD APPLIED BITUMINIOUS EMULSION)
REVIEW DATE: 20 June 2019

1) GENERAL:

Product Name: COLPHENE DPE
Application Field: Construction Industry
Product Usage: Waterproofing Purposes for concrete protection
Supplier/Manufacturer: SOPREMA for manufacturing waterproofing Materials L.L.C
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Issue Date: 20 June, 2019

2) INGREDIENTS COMPOSITION:

Composition	CAS Number	Content %
Bitumen	8052-42-4	<45
Bentonite	1302-78-9	1-5
Kaolin	1332-58-7	3-10
Water	7732-18-5	>50

3) POTENTIAL HAZARDS:

- **Eye contact :** Avoid direct contact with eye. No major harm.
- **Skin contact :** No Harm. However, wear protective gloves.
- **Inhalation :** Not to be swallowed, but it is poisonous.

4) FIRST AID MEASURES:

- **General :** No major hazard is involved during the use of the **COLPHENE DPE**. It is to Be used cold applied. However, because of its messy nature, wearing proper attire is recommended. Mess can be cleaned by water if it is still wet, or it may be removed if dry by gentle rubbing with kerosene.
- **Eye contact :** Irrigate with clean water and consult a physician.
- **Skin contact :** Clean with water, or when dry by Kerosene.
- **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 :** Brownish thick liquid
- **Odour :** Very little odor
- **Color :** Brown, turning to black rubberized compound when dry
- **Storage Temperature :** 5 to 40 °C.
- **Specific Gravity :** About 1



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6) STABILITY AND REACTIVITY:

Reactivity : Stable, but starts losing its emulsification properties after 6 months. Does not react with Salt, mild acids & alkalis
Conditions to avoid : Do not keep the containers open to avoid drying of the product, always keep the lid closed.

7) TOXICOLOGICAL PROPERTIES:

Not toxic.

8) ECOLOGICAL INFORMATION:

Not toxic.

9) FIRE FIGHTING MEASURES:

- Flammability : Not Combustible nor flammable when liquid.
- Extinguishing Media : Any kind of fire extinguishers.
- Recommendations : No special recommendation.

10) ACCIDENTAL RELEASE MEASURES:

No special recommendation.

11) HANDLING AND STORAGE:

Handling: No special handling recommendation. However, proper safety procedures should be taken when lifting heavy drums not to injure workers back and muscles.
Storage: Storing in a covered area and not under direct sun heat. Storage temperature is between 5 – 40 °C. Store in a neat arrangement, not to block the way in case of store fire.
Shelf Life: 6 months if stored according to instructions.

12) EXPOSURE CONTROLS/PERSONAL PROTECTION:

No special protection recommendation is applicable.

13) TRANSPORTATION INFORMATION:

No special transportation precaution recommendation is applicable. **HS CODE NO:** 27150000, **UN #** 1999

14) REGULATORY INFORMATION:

No regulatory precautions are applicable for this product.

15) OTHER INFORMATION:

Only specialized and trained workers should apply this product.