



SOPREMA FOR MANUFACTURING WATERPROOFING MATERIALS L.L.C

MATERIAL SAFETY DATA SHEET
COLPHENE DSW-L (Liquid Component)
REVIEW DATE: May, 2020

1) GENERAL:

Product Name: COLPHENE DSW-L (liquid Component)
Application Field: Construction Industry
Product Usage: Crack sealing for building or structure
Supplier/Manufacturer: SOPREMA for manufacturing waterproofing Materials L.L.C
P.O.Box: 39196 Abu Dhabi, United Arab Emirates.
Tel +97125503383 / Fax: 97125503382
www.soprema.ae

Issue Date: May, 2020

2) INGREDIENTS COMPOSITION:

Composition	CAS Number	Content %
Bitumen	8052-42-4	<45
Bentonite	1302-78-9	1-5
Latex rubber	9006-04-6	10-15
Water	7732-18-5	>50
Kaolin	1332-58-7	3-10

3) POTENTIAL HAZARDS:

- **Eye contact :** Avoid direct contact with eyes. No Major harm.
- **Skin contact :** No harm. However, wear protective gloves.
- **Inhalation :** Not to be swallowed.

4) FIRST AID MEASURES:

- **General :** No major hazard is involved during the usage of COLPHENE DSW-L. However, because of its messy nature, wearing proper attire is recommended. Mess can be cleaned by water if still wet, or may be removed if dry by gentle rubbing with kerosene.
- **Eye contact :** Flush with large amount of 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 in small portion, no major harm is expected.

5) PHYSICAL / CHEMICAL PROPERTIES:

- **Physical State :** Brownish thick liquid
- **Odour :** Very little odour
- **Color :** Brown turning to black rubberised compound when dry
- **Storage Temperature :** 5^o C to 40^oC
- **Specific Gravity :** 1.03 g/ cm³



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6) STABILITY AND REACTIVITY:

Reactivity : Stable. But, starts losing its emulsification properties after 6 months. Does not react with salts, 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 extinguisher.
- Recommendation: 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: Store in a covered area and not under direct sunlight. Storage temperature is between 5^oC to 40^oC. Store in a neat arrangement, not blocking the way in case of store fire.

Shelf Life: 18 months from date of manufacturing, kept at ambient temperature of 25^oC In an unopened container.

12) EXPOSURE CONTROLS/PERSONAL PROTECTION:

No special protection recommendation is applicable.

13) TRANSPORTATION INFORMATION:

UN Number : 1999, HS Code : 27150000 . Not classified as hazardous for transport

14) REGULATORY INFORMATION:

No regulatory precautions are applicable for this product

15) OTHER INFORMATION:

Only specialized and trained workers should apply this product.



SOPREMA FOR MANUFACTURING WATERPROOFING MATERIALS L.L.C

MATERIAL SAFETY DATA SHEET
COLPHENE DSW-L(Powder Component)
REVIEW DATE: May, 2020

1) GENERAL:

Product Name: COLPHENE DSW-L (Powder Component)
Application Field: Construction Industry
Product Usage: Crack sealing for building or structure
Supplier/Manufacturer: SOPREMA for manufacturing waterproofing Materials L.L.C
P.O.Box: 39196 Abu Dhabi, United Arab Emirates.
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2) INGREDIENTS COMPOSITION:

Composition	CAS Number	Content %
Ordinary Portland Cement	65997-15-1	40-60
Fine Aggregates	14808-60-7	40-50
Dispersable Polymer Powder	141-78-6	1
Polypropylene Fiber	9003-07-0	1

3) POTENTIAL HAZARDS:

- **Eye contact :** Avoid direct contact with eyes. No Major harm.
- **Skin contact :** No major harm. However, Wear protective gloves.
- **Inhalation :** Not to be swallowed.

4) FIRST AID MEASURES:

- **General :** No major hazard is involved during the usage. In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything mouth to mouth to an unconscious person.
- **Eye contact :** Flush with large amount of clean water and consult a physician.
- **Skin contact :** Wash thoroughly with skin cleanser. Seek medical help.
- **Inhalation :** In the event of discomfort as a result of inhalation, move person to fresh air in a well-ventilated area. If not breathing, provide artificial respiration. Seek medical help if problem persists.
- **Swallowing :** Do not induce vomiting. Obtain medical attention if problem persists.

5) PHYSICAL / CHEMICAL PROPERTIES:

- **Physical State :** Solid powder
- **Odour :** -
- **Color :** Gray/ white
- **SG/ Bulk density :** 1700 Kg/ m³
- **Solubility:** Insoluble

6) STABILITY AND REACTIVITY:

Reactivity : Stable under recommended conditions.



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Conditions to avoid: Exposure to air. Contamination with water.

Hazardous decomposition products: None.

7) TOXICOLOGICAL PROPERTIES:

Cement, cementitious grouts and mortars are known to cause both irritant and allergic contact dermatitis. Causes burns when wet. Harmful by inhalation and if swallowed.

8) ECOLOGICAL INFORMATION:

When used and disposed as intended, no adverse environmental effects are seen. Expected to be readily biodegradable. Bio-accumulative potential and ecotoxicity are not determined.

9) FIRE FIGHTING MEASURES:

- Flammability : Not flammable.
- Extinguishing Media: None.
- Recommendation: No special recommendation.

10) ACCIDENTAL RELEASE MEASURES:

Personal Precaution: Wear gloves and other suitable protective clothing.

Environmental Precaution: Prevent entry into drains, sewers and water courses.

Decontamination procedure: Gather into containers. Avoid the formation of dust in atmosphere. Residues may be flushed to drain with large amounts of water.

11) HANDLING AND STORAGE:

Handling: Avoid creating dust. Use eye/ face protection. Ensure adequate ventilation.

Storage: Store in a covered area and not under direct sunlight.

12) EXPOSURE CONTROLS/PERSONAL PROTECTION:

Wear protective clothing. Wear suitable eye/face protection.

13) TRANSPORTATION INFORMATION:

Not classified as hazardous for transport

14) REGULATORY INFORMATION:

Contains OPC.

Risk Phrases: R22- Harmful if swallowed.

R36- Irritating to eyes.

Safety Phrases: S36- Wear suitable protective clothing.

S39- wear eye/face protection.

15) OTHER INFORMATION:

Only specialized and trained workers should apply this product.