

SAFETY DATA SHEET



LATEX SHIELD 2K

REF.: BPIL-LS2K-A-01-0412

1. Substance Identification

- **Description** : Latex Shield 2K, Liquid
- **Use of the substance/preparation** : Chemical product for construction & industry
- **Manufacturer** : **Berger Paints India Limited**
129, Park Street, Kolkata : 700 017
Tel : 91-33-2229
Fax : 91-33-2227

2. Composition & Information on Ingredients

Chemical Family / Characteristics: Aqueous polymer solution.

Occupational exposure limit(s), if available, are listed in section 9.

* Toxicological information, if available, is listed in section 11

3. Hazards Identification

Hazard Identification : Non-hazardous
Risk Phrases : Not Applicable ; Safety Phrases : Not Applicable

4. First - aid Measures

<u>HEALTH EFFECTS</u>	<u>EMERGENCY & FIRST AID PROCEDURES</u>	<u>SPECIAL PROTECTION</u>
Skin: Mild irritation.	Wash affected area thoroughly with sufficient amount of water & soap. Remove contaminated clothing & launder clothe before re-use.	Seek medical attention, if symptoms develop.
Inhalation: Breathing problem might occur.	Remove the source of contamination or move the victim to fresh open air. Ensure adequate supply of oxygen through a face mask, if breathing is difficult.	Apply artificial respiration if not breathing. Seek medical attention.
Eyes: Irritating to eyes.	Hold eyelids apart & flush the eyes continuously with clean water	In all cases of eye contamination, it is necessary to seek medical attention.
Swallowed: Mild poisoning might occur.	Wash out with enough potable water. Do not induce vomiting.	If poisoning occurs, contact a doctor.

5. Fire Fighting Measures

- **Specific Hazards** : Non-combustible
- **Extinguish Media** : Use appropriate fire extinguisher for surrounding environment.
- **Protective Precaution** : In a fire or if heated, a pressure increase will occur and the container may burst. Promptly empty the space by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Fire-fighters should wear full protective clothing & self contained breathing apparatus (SCBA) operated in positive pressure Mode.

6. Physical Properties

- **Appearance (Color, Odor, etc.)** : Milky white liquid, faintly aromatic
- **Specific Gravity** : 1.000 – 1.040
- **Boiling Point** : Approx. 100°C
- **Solubility** : Miscible in water
- **Vapor Pressure** : Not Available
- **pH** : 7 - 9

7. Accidental Release Measures

- **Precautions in spill** : Wear suitable protective clothing & appropriate breathing apparatus to minimize skin & eye exposure. Stop leak in case of large spillage without risk, if possible. Do not dilute; place inert, non-combustible, absorbent material onto the spillage. Provide adequate ventilation.
- **Spill cleanup methods** : Collect the material using clean, non-sparking tools & place into a properly marked container for subsequent disposal. Avoid bulk material entering water courses.

8. Handling & Storage

- Use in a well ventilated area.
- LATEX SHIELD 2K shall be stored in a cool area with its original containers, away from foodstuffs & strong oxidizing agents. Protect from direct sunlight & frost. Do not use storage tank or pipe work made of aluminum, copper or their alloys.

9. Stability & Reactivity Data

- **Conditions to avoid** : Avoid contact with strong oxidizing agents, strong acids, direct heat & water.
- **Chemical Stability** : The material is thermally stable when stored & used as directed.
- **Hazardous Reaction & Decomposition** : Hazardous polymerization will not occur. Hazardous decomposition products may include but not limited to carbon monoxide, carbon dioxide, styrene monomer

10. Ecological Information

- **Eco - toxicity** : No known effects. Avoid discharge of this degradable material To waterways & ponds.

11. Toxicological Information

- **Toxicological Information** : No adverse health effects expected provided the product is used as directed.
Acute Effects
Skin Contact : May cause mild irritation
Inhalation : Too much exposure may irritate respiratory system
Eye Contact : May cause blurring, tearing & stinging
Ingestion : Not available

12. Exposure Controls & Personal Protection

- **Personal Protection** : Use safety goggles & gloves.
- **Ventilation** : Well ventilated area.
- **General Protection** : Wear appropriate clothing. Eyewash facility shall be provided.
- **Breathing Equipment** : Suitable respiratory equipment required if there is a risk of exceeding the Workplace Exposure Limit (WEL).
- **Hygienic work practices** : Wash during breaks & at the end of the work.
Do not eat, drink or smoke while working with this material.
Remove any contaminated clothing.

13. Disposal Considerations

- **Disposal Methods** : In accordance with local regulations

14. Transport Information

No special precaution required under the regulation on transport of dangerous goods. Avoid dust spreading.

15. Regulatory Information

- **Poisons Schedule** : Not scheduled

16. Additional Health Data

Not available.

SAFETY DATA SHEET

LATEX SHIELD 2K



REF.: BPIL-LS2K-B-01-0412

1. Substance Identification

- **Description** : Latex Shield 2K, Powder
- **Product Description** : Mixture of cement, aggregates & additives
- **Supplier** : **Berger Paints India Limited**
129, Park Street, Kolkata : 700 017
Tel : 91-33-2229
Fax : 91-33-2227

2. Composition & Components Data

Component	Classification	Cas #	% Range	Primary Hazard
Portland cement	Xi R37/38, R41	65997-15-1	30 – 50	Irritant
Sand (SiO ₂)	Not classified	14808-60-7	30 – 50	None

3. Hazards Identification

Hazard Identification : Xi Irritant
R37/38 Irritating to respiratory system & skin
R41 Risk of serious damage to eyes

4. First - aid Measures

<u>HEALTH EFFECTS</u>	<u>EMERGENCY & FIRST AID PROCEDURES</u>	<u>SPECIAL PROTECTION</u>
Skin: Short term exposure-irritant may cause dryness and peeling of skin. Long term exposure – after prolonged or repeated contact with wet general purpose Portland cement, especially as an ingredient in mortar or slurry may result in rash or dermatitis.	Remove dusty clothing, wash off with water, seek medical attention if rash develops.	Skin contact can be minimized by wearing protective clothing and impervious gloves. Launder clothes before re-use
Inhalation: Short term exposure-irritant. May cause soreness of nose and throat. Long term exposure or heavy inhalation will cause cough and discomfort in the chest.	Leave dusty area; seek medical attention if symptoms do not resolve quickly.	Use in well ventilated areas only. Wear an OSHA approved type C air supplied respirator if ventilation is inadequate to keep vapors and mist below the TLV.
Eyes: Short term exposure – irritant. May cause irritation, burning sensation and possible eye damage.	Wash dust from around eyes. Flush with copious water for 10 minutes. Seek medical attention.	Wear chemical safety goggles. If a respirator is required, use full face mask to protect eyes from vapor or mist.

4. First - aid Measures

Swallowed: Mild corrosive action. Will burn mouth and throat. Irritation of stomach may cause pain and nausea.	Wash out mouth and lips with water. Drink plenty of water or milk. Do not induce vomiting. Seek medical attention.	Avoid airborne mists which can be inhaled or swallowed. Use protective mask if necessary. Provide general ventilation or exhaust to control airborne levels below exposure guidelines
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5. Fire Fighting Measures

- **Flash Point** : Not Applicable
- **Auto ignition Temperature** : Not Applicable
- **Flammability Limits** : Not Applicable
- **Extinguish Media** : Not Applicable
- **Special fire fighting procedures** : Non-combustible

6. Physical Properties

- **Solubility** : Insoluble in water
- **Appearance (Color, Odor, etc.)** : Fine grey colored powder
- **Boiling Points** : Not Applicable
- **Mixed Density** : Around 1.65 g/cc.
- **Vapor Pressure** : Not Applicable
- **Percent Volatile (Volume)** : Not Applicable

7. Accidental Release Measures

- Precautions in spill : Wear suitable protective clothing. Avoid material entering water courses.
- Spill cleanup methods : Remove powder by mechanical means, minimizing the generation of airborne dust.

8. Handling & Storage

- Store separate from incompatible materials such as acids, water etc.
- LATEX SHIELD 2K, POWDER shall be stored in its original packing.

9. Stability & Reactivity Data

- Conditions to avoid : Avoid contact with strong oxidizing agents, direct heat & water

10. Ecological Information

- **Eco - toxicity** : No known effects. The addition of cement-based products to water will increase it's pH which may be toxic to some forms of aquatic life.

11. Toxicological Information

- **Toxicological Information** : Irritant for skin & mucous membrane.

12. Exposure Controls & Personal Protection

- **Personal Protection** : Use safety goggles & gloves.
- **Ventilation** : Well ventilated area.
- **General Protection** : Wear appropriate clothing. Eyewash facility shall be provided.
- **Breathing Equipment** : Suitable respiratory equipment required if there is a risk of exceeding the Workplace Exposure Limit (WEL).
- **Hygienic work practices** : Wash during breaks & at the end of the work.
Do not eat, drink or smoke while working with this material.
Remove any contaminated clothing.

13. Disposal Considerations

- **Disposal Methods** : In accordance with local regulations
- **Contaminated Packaging** : Empty bags / surplus product mix can be disposed off as building site or commercial waste.

14. Transport Information

No special precaution required under the regulation on transport of dangerous goods. Avoid dust spreading.

15. Regulatory Information

- **Hazard Designation** : Xi Irritant

 - **Risk Phrases** : R-37 Irritating to respiratory system
R-38 Irritating to skin
R-41 Risk of serious damage to eyes

 - **Safety Phrases** : S-2 Keep out of the reach of children
S-25 Avoid contact with eyes
S-26 In case of eye-contact, rinse immediately with plenty of Water & seek medical advice.
S-39 Wear eye/face protection
S-46 If swallowed seek medical advice
- This data sheet does not constitute a workplace risk assessment.

16. Additional Health Data

Not available.