

Material Safety Data Sheet

LUXAPRIME 1500

(Part – B)

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product name : Luxaprime 1500 Part - B
Product type : Etch Primer
Supplier : Berger Paints Emirates Limited
P O Box 27524, Dubai, UAE
Telephone Number : 009714-3391000
Emergency Telephone Number : 009714-3391078

2. COMPOSITION/INFORMATION ON INGREDIENTS :

	<u>Weight%</u>	<u>CAS Number</u>	<u>LEL Vol%</u>	<u>ACGIH TLV-TWA</u>
• Water	2 - 4	-	-	-
• Phosphoric Acid	1 - 3	7664-38-2	-	-

3. HAZARDS IDENTIFICATION :

- Hazardous identification of the preparation :
R-10 : Irritant to Skin

4. FIRST AID MEASURES :

General : Remove contaminated clothing.
First Aid – Inhalation : Remove to fresh air. If rapid recovery does not occur obtain medical attention.
First Aid – Skin : Remove contaminated clothing immediately. Wash skin Thoroughly with soap and water.
First Aid – Eye : Irrigate copiously with clean, fresh water for at least 10 Minutes, holding the eye lids apart and seek medical Advice.
First Aid – Ingestion : Do not induce vomiting. Obtain immediate medical Attention.

5. FIRE FIGHTING MEASURES :

Specific hazards : Fire will produce dense, black smoke, inhalation of decomposition products may cause serious health hazards.
Extinguishing media : Water spray - mist, foam, dry chemical powder, carbon dioxide, sand.
Unsuitable extinguishing media : Water in a jet.

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6. ACCIDENTAL RELEASE MEASURES :

- Personal precautions : Avoid contact with skin and eyes. Do not breathe vapour. Extinguish naked flames. Remove ignition sources, Avoid sparks.
- Personal protection : Wear PVC gloves, safety boots. Wear full face - place respirator with organic vapour canister NPF 400. In a confined space, wear self-contained breathing apparatus open circuit type NPF 2000.
- Environmental precautions : Prevent contamination of soil and water.
- Processing for Cleaning/Collecting : Contain and collect spillage with non-combustible absorbent materials, e.g., sand, earth or spill control material and place in a container for disposal according to local regulation.

7. HANDLING AND STORAGE :

Avoid prolonged or repeated contact with skin. Do not breathe vapour, spray/mists. Extinguish naked flames. Remove ignition sources. Avoid spark. Do not smoke. Take Precautionary measures against static discharges.

- Handling temperature : Ambient
- Storage : Keep container tightly closed and in a well ventilated place. Keep away from direct sunlight and other sources of heat or ignition. Do not smoke in storage areas. Do not keep hardener in metal can.
- Storage temperature : Ambient.

8. EXPOSURE CONTROL/PERSONAL PROTECTION :

- Engineering Control Measures : Use only in well ventilated areas.
- Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
- Hand protection : PVC Gloves. Barrier creams may help to protect the exposed areas of the skin.
- Eye protection : Use safety eyewear designed to protect against splash of products.

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9. **PHYSICAL AND CHEMICAL PROPERTIES :**

Physical state	: Liquid
Odour	: Rubbing alcohol
<u>Safety Related Information</u>	<u>Value</u>
Flash point	NA
Ignition temperature	NA
Vapour density (Vs Air)	Heavier
Evaporation rate (Vs. n-Bu Acetate)	Slower
Density at 25°C	1.2 – 1.3 gm/cc
Solubility in water	Completely miscible.

10. **STABILITY/REACTIVITY**

Stability	: Stable under normal conditions.
Conditions to avoid	: Heat, flames and sparks.
Materials to avoid	: Strong alkalis and strong oxidizing agents. Do not store hardener in metallic can.

11. **TOXICOLOGICAL INFORMATION :**

Basis of assessment	: This product was not tested but the information given is based on the known toxicological data of the constituents.
Acute toxicity – Oral	: LD ₅₀ : 5840 mg/kg (Based on Iso-Propyl Alcohol)
Eye irritation	: Redness (Based on Zinc Tetroxychromate)
Ingestion	: Abdominal pain, diarrhea and vomiting (Based on Zinc Tetroxychromate)

12. **ECONOLOGICAL INFORMATION :**

Avoid contamination of earth, rivers, lakes or sewages.	
Water contamination class	: 2 (Self classification).

13. **DISPOSAL CONSIDERAIONS :**

Precautions	: Refer to Section 7
Waste disposal	: Recover or recycle if possible. Otherwise incineration.
Container disposal	: Allow the residue to dry and dispose of as scrap metal.

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15. TRANSPORT INFORMATION :

UN Number	: 1219
IMCO Class	: 3.2
Page number	: 3100
Marine pollutant	: Yes
Proper shipping name	: Paint

16. REGULARY INFORMATION :

- EC Classification : Highly flammable.
- EC Risk phrase
R-11 : Highly flammable.
- EC Safety phrase
S-7 : Keep container tightly closed
S-16 : Keep away from sources of ignition. No smoking.

17. DISCLAIMER :

This information is based on our current knowledge and is obtained from sources, which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding the correctness. This information is extended to describe the product for the purposes of health, safety and environmental requirements only. The conditions or methods of handling, storage, use or disposal of the product are being our control. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage connected with the handling, storage, use or disposal of the product.