# MATERIAL SAFETY DATA SHEET

## SECTION-1
**PRODUCT & COMPANY IDENTIFICATION**

**MATERIAL** : WATER BASED COATING FORMULATION

<table>
<thead>
<tr>
<th>Code</th>
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</thead>
<tbody>
<tr>
<td>Date Of Issue</td>
<td>19/07/2008</td>
</tr>
<tr>
<td>FORMULA</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

**MANUFACTURER’S NAME** : BERGER PAINTS INDIA LIMITED

**ADDRESS (NUMBER, STREET, CITY, STATE, PIN)** :

| FACTORY : | 14 & 15 SWARNAMOYEE ROAD |
| P.O. : BOTANIC GARDEN, |
| Howrah - 711103 |
| **TELEPHONE No :** | +91-33-2668-4706 - 09 |

| H.O. : | BERGER HOUSE |
| 129 PARK STREET |
| Kolkata - 700 017 |
| **TELEPHONE No :** | +91-33-2229-9724 - 29 |

| PREPARED ON | 19/07/2008 |
## Section-2

### Compositional Information:

<table>
<thead>
<tr>
<th></th>
<th>CAS REG. NO.</th>
<th>APPROX. WT. %</th>
<th>TWA/TLV</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>OSHA</td>
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<tr>
<td>Polymer</td>
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<td>50 Max.</td>
<td>Not known</td>
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<tr>
<td>Ethylene Glycol (EG)</td>
<td>107-21-1</td>
<td>15 Max.</td>
<td>Not known</td>
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<tr>
<td>Texanol Ester Alcohol</td>
<td>25265-77-4</td>
<td>10 Max.</td>
<td>Not established</td>
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<tr>
<td>Preservatives</td>
<td>330-54-1</td>
<td>5 Max.</td>
<td>LD 50 (Oral)</td>
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<tr>
<td></td>
<td>10605-21-7</td>
<td></td>
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<tr>
<td></td>
<td>26530-20-1</td>
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## Section-3

### Hazard Information

#### Effect of Over Exposure

- **Inhalation**: Vapor or mist can irritate the nose, throat and lungs and cause headache & nausea.
- **Skin Contact**: Irritating to skin upon repeated or prolonged contact.
- **Eye Contact**: Moderately irritating to eyes.
**SECTION-4**

**FIRST-AID MEASURES**

- **Inhalation**: Move subject to fresh air.
- **Eye & Skin Contact**: Flush eyes with a large amount of water for at least 15 minutes. See a physician, if irritation persists. Wash affected skin areas with soap and water.
- **Ingestion**: If swallowed, dilute by giving two glasses of water or drink. See a physician. Never give anything by mouth to an unconscious person.

**SECTION-5**

**FIRE HAZARD INFORMATION**

- **Flash Point**: Non-combustible
- **Auto Ignition Point**: Not applicable
- **Lower Explosion Limit (%)**: Not applicable.
- **Upper Explosion Limit (%)**: Not applicable
- **Unusual Fire & Explosion Hazards**: Material can splatter above 212°F. Polymer film can burn.

**SECTION-6**

**ACCIDENTAL RELEASE MEASURE**

- **Steps to be taken in case material is released or spilled**

  Keep spectators away. Floor may be slippery, use care to avoid falling. Dike and contain spill with inert material (e.g. sand, earth). Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for disposal. Keep spills and cleaning run-offs out of municipal sewers and open bodies of water.

  5.0. **PHYSICAL PROPERTY / CHEMICAL PROPERTY INFORMATION.**

P.3 of 6
SECTION-7
STORAGE AND HANDLING INFORMATION

- Storage Temperature : Max. 60°C/140°F
  Min. 10°C/34°F
- Precautionary Labeling : Keep from freezing — product may coagulate.

SECTION-8
EXPOSURE CONTROLS / PERSONAL PROTECTION

- Ventilation Type : Mechanical, local exhausts ventilation at point of contaminated release.
- Respiratory Protection : Wear suitable respirator where exposure limits are exceeded.
- Protective Gloves : Thin rubber gloves
- Eye Protection : Chemical Splash goggles.

SECTION-9
PHYSICAL PROPERTY / CHEMICAL PROPERTY INFORMATION

- Appearance : Viscous liquid
- Odour : Mild odour
- pH : 8.5 – 9.0
- Viscosity : Variable
- Melting or Freezing Point : Variable
- Boiling Point : Variable
- Vapour Pressure (mm HG) : Greater than 17 @ 60°F
- Vapour Density (Air – 1) : Greater than 1
- Solubility in Water : Diluteable
- %Volatle (by Wt.) : 60 Max.
- Specific Gravity (Water – 1) : Greater than 1
- Evaporation Rate (Butyl Acetate =1) : Greater than 1

P.4 of 6
**SECTION-10**

**STABILITY AND REACTIVITY**

Stability : Stable
Conditions to Avoid : Temperature above 150°C
Hazardous Decomposition : Not applicable
Products
Hazardous Polymerization : May occur
Incompatibility : Not applicable
(Materials to avoid)

**SECTION-11**

**TOXICOLOGICAL INFORMATION**

No toxicity data are available for this product. The effect of over exposure shown in Section IV are based on information about similar materials.

**SECTION-12**

**ECOLOGICAL INFORMATION**

No experimental data of the product available.

**SECTION-13**

**WASTE DISPOSAL METHOD**

Incinerate the liquid and the contaminated diking material at permitted facility according to local, state and Federal regulations.

**SECTION-14**

**TRANSPORT INFORMATION**

This is a water based composition and does not pose fire hazards or explosion hazards to the carrier.
SECTION-15
REGULATORY INFORMATION
Contact us for the latest information.

SECTION-16
OTHER INFORMATION
Does not contain Titanium dioxide and inorganic filler. Contains metallic pigments.

The information contained in the Material Safety Data Sheet is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Recipients were advised to confirm in advance of need that the information is correct, applicable and suitable to their circumstances.