



MATERIAL SAFETY DATA SHEET

1. Identification of Substance

- **Product Details**

Product Name >> ULTRACOAT

Product Code >> 301, 302, 311, 320, 321, 322, 323

- **Application of the substance / the preparation:** Powder Coating Material

- **Manufacturer:**

- **Head Office**

Berger Paints India Ltd.

"Berger House"

129, Park Street

Kolkata – 700 017

Tel. : 00-91-33-2229-9724 (5 Lines)

00-91-33-2249-9754 (4 Lines)

Fax : 00-91-33-2249-9729 / 9009

- **Factory**

Berger Paints India Ltd.

14 & 15, Swarnamoyee Road

P.O. Botanic Garden

Howrah – 711 103

Tel. : 00-91-33-2668-4706 (4 Lines)

Fax : 00-91-332668-3408 / 2956

2. Composition/Data on components:

- **Chemical Characterization**

Description

: Preparation based on Epoxy & Polyester Resin, Catalyst, Colorants, Titanium Dioxide, Additives, Extender, Metallic pigments etc.

- **Dangerous Components**

: Void

3. Hazardous Identification

- **Hazard Designation**

: Void

4. First-aid Measures

- **General Information**

: No special measures required.

- **After Inhalation**

: Supply fresh air; consult doctor in case of symptoms.

- **After Skin Contact**

: Instantly wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.

- **After Eye Contact**

: Rinse opened eye for several minutes under running water.

- **After Swallowing**

: Seek medical advice.

5. Fire Fighting Measures

- **Suitable Extinguishing Agents** : CO₂, Extinguishing Powder or Water Jet. Fight larger fires with Water Jet or Alcohol-resistant Foam.
- **Protective Equipment** : Put on breathing apparatus.

6. Accidental Release Measures

- **Person related Safety Precautions:**
 - Avoid causing dust.
 - Keep away from ignition sources
 - Ensure adequate ventilation
- **Measures for Environmental Protection:**
 - Do not allow product to reach sewage system or water bodies.
- **Measures for Cleaning/Collecting:**
 - Collect mechanically
 - Dispose of the material collected according to regulations.

7. Handling & Storage

- **Handling**
- **Information for Safe Handling:**
 - Thorough de dusting
 - Store in cool, dry place in tightly closed containers.
 - Prevent formation of dust.
 - Take note of emission threshold.
- **Information about Protection against Explosions and Fires:**
 - No special measures required.
- **Storage:**

Store between 5°C and 25°C in a dry, well ventilated place at maximum 50% RH , away from sources of heat, ignition and direct sunlight. Maintain staging instruction as mentioned on the pack boxes. No smoking. Prevent unauthorized access. Containers which are opened should be properly packed and keep upright to prevent leakage.

8. Exposure Controls & Personal Protection

Persons with a history of respiratory problems or allergic responses should only be exposed to or handle this product under appropriate medical supervision.

- **Engineering Measures:**

Avoid the inhalation of dusts, where reasonably practicable this should be achieved by the use of local exhaust ventilation & good general extraction.

- **Respiratory Protection:**
Suitable respiratory protective equipment should be worn when this product is sprayed if the exposure of the sprayer or other people nearby cannot be controlled to below the occupational exposure limit and the engineering controls and methods cannot reasonably be improved.
- **Hand Protection:**
Where skin exposure may occur, advice should be sought from glove suppliers on appropriate types. Barrier creams may help to protect exposed areas of the skin but are not substitutes for full physical protection. They should not be applied once exposure has occurred.
- **Eye Protection:**
Eye protection designed to protect against exposure to dusts should be worn when there is a likelihood of exposure.
- **Skin Protection:**
Cotton or cotton / synthetic overalls or coveralls are normally suitable. Care should be taken in the selection of protective clothing to ensure that inflammation and irritation of skin at the neck and wrists through contact with the powder is avoided.

9. Physical & Chemical Properties

- **General Information**
 - **Form** : Finely divided Powder
 - **Colour** : According to product specification
 - **Smell** : Characteristic
- **Change in Condition**
 - **Melting Point/Melting Range** : > 90°C
 - **Boiling Point/Melting Range** : Not determined
- **Flash Point** : Not applicable
- **Self-inflammability** : Product is not self-igniting
- **Danger of explosion** : Product is not explosive.
- **Specific Gravity at RT** : 1.60 ± 0.2 gm./cc
- **Solubility in / Miscibility with Water** : Insoluble
- **Solvent Content**
 - **Organic Solvents** : 0.0%
- **Solids Content** : 100.0%

10. Stability & Reactivity

- **Conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous Reactions:** No dangerous reactions known

11. Toxicological Information

- **Acute Toxicity:** No data available.
- **Primary Irritant effect:**
 - **On the Skin:** Possible irritant effects
 - **On the Eye:** Possible irritant effects
 - **Sensitization:** No sensitizing effect known.
 - **Additional toxicological information:**
When used and handled according to specifications, the product does not have any harmful effects according to our experience.

12. Ecological Information

There is no data available on the product itself. The product should not be allowed to enter drains or water-courses or be deposited where it can affect ground or surface waters.

The air pollution control requirement of regulation made under the Environmental Protection Act may apply to the use of this product.

13. Disposal Considerations

- **Product:**
- **Recommendation:** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

14. Transport Information

The product is not classified as dangerous for carriage. The product is non-inflammable.

15. Regulatory Information

The product is determined as not being dangerous according to the requirements of the chemicals.

16. Other Information

- These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
- **Department issuing data specification sheet:** R&D department

Updated on September, 2020.

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