



POWDER COATINGS

MATERIAL SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION.

1.1 Product Name: Product Series: CP01PE01/Pure- Polyester Powder Coatings

1.2 Details of manufacturer: Capital Paints LLC, Al Ghail Industrial Park, Plot N-38, Ras Al Khaimah, UAE.

SECTION 2: HAZARDS IDENTIFICATION.

2.1 Routes of exposure

- a) Inhalation of vapor or spray
- b) Eye or Skin contact with the product, vapor or spray.

2.2 Effects of over exposure

- a) Eyes: Irritation
- b) Skin: Prolonged or repeated exposure to dust may cause irritation.
- c) Inhalation: Irritation of the upper respiratory system.

2.3 Signs and symptoms of over exposure

- a) Redness and itching or burning sensation may indicate eye or excessive skin exposure.

2.4 Medical conditions aggravated by exposure

- a) None generally recognized.

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS.

Chemical Characterization: Mixtures

Description: Mixture consisting of the following compounds with harmless additives.

| Name | CAS Number | % |
|---|------------|------|
| Titanium Di Oxide | 13463-67-7 | 1-25 |
| 1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-(1H,2H,3H)-trione | 2451-62-9 | 2-5 |
| Synthetic Barium Sulphate | 7727-43-7 | 5-25 |



There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

SECTION 4: FIRST AID MEASURES

4.1 Eyes: Flush eyes with large amounts of water. Get medical attention.

4.2 Skin: Wash affected area thoroughly with soap and water. Do not use **SOLVENTS** or **THINNER**.

4.3 Inhalation: if affected, remove from exposure. Restore breathing. Keep warm and quiet.

4.4 Ingestion: do not induce vomiting. Get medical attention immediately.

SECTION 5: FIRE FIGHTING MEASURES.

5.1 Flash Point: Not applicable

5.2 Flammability classification: Not applicable.

5.3 Extinguishing Media: Use dry chemical, carbon di oxide, water spray or foam.

5.4 Special firefighting Procedures: Water spray is effective. Powder coating does not catch fire. Water may be used to cool closed containers to prevent pressure build-up and possible auto ignition or explosion when exposed to extreme heat.

SECTION 6: ACCIDENTAL RELEASE MEASURES.

6.1 Personal Precautions: Do not touch or walk through spilled area. Do not breathe dust. Provide ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

6.2 Environmental Precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).



6.3 Methods for cleaning up

a) Small spill: Remove all the sources of ignition. Move container from the spill area. Do not dry sweep. Use Vacuum dust collectors with filters. Dispose of via a licensed waste disposable contractor.

b) Large spill: Move containers from spill area. Use spark proof tool, avoid creating dusty conditions. Do not dry sweep. Use Vacuum dust collectors with filters. Dispose of via a licensed waste disposable contractor. Stop leak if without risk. Label leak container and keep in a closed and dry place.

SECTION 7: HANDLING AND STORAGE

7.1 Handling: Store in a cool, dry area out of direct sunlight. Keep container closed when not in use. Remove contaminate clothes and protective equipment before entering eating areas. Comply with the health and safety at work laws. Do not allow drains or watercourses. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces.

7.2 Storage: Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well ventilated area. Keep away from food and drink area.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION.

8.1 Precautions to be taken in use: Use only with adequate ventilation. Avoid eye and prolonged skin contact with dust. Avoid generation or breathing airborne dust. Wash hands after using.

8.2 Ventilation: Local exhaust preferable. Other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

8.3 Respiratory protection: Use a properly fitted, particulate filter respirator complying with an approved standard. If a workers are exposed to concentrations above the exposure limits, they must use appropriate, certified respirators.

8.4 Protecting gloves: Required for long or repeated contact. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers.

8.5 Eye protection: Wear safety spectacles with unperforated side shields. It is necessary to avoid exposure to liquid splashes, mists or dusts.



8.6 Environmental Exposure controls: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

| | | |
|------------------|---|----------------------------------|
| Physical state | : | A free flowing powder |
| Flash point | : | Not applicable. |
| Odor | : | Odorless. |
| Solubility | : | Insoluble in cold and hot water. |
| Flammability | : | Not applicable |
| Relative density | : | 1.2 - 1.7 g/cc |
| Viscosity | : | Not applicable. |

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity: No test data is available regarding reactivity.

10.2 Chemical stability: This product is chemically stable.

10.3 Conditions to avoid: High concentrations of airborne dust which may ignite explosively.

10.4 Incompatible materials: No specific data

10.5 Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

Powders can cause skin irritation in folds of the skin or under tight clothing. Handling and/or processing of this material may generate a dust which can cause irritation of the eyes, skin, nose and throat.

Repeated inhalation of dust can produce varying degrees of respiratory irritation or lung damage.

Swallowing may cause nausea, diarrhea, vomiting and gastro-intestinal irritation.

Powders contain TGIC may produce an allergic reaction.



No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium is bound to other materials, such as paint.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Ecotoxicological information: No data available.

12.2 Other adverse effects: No known significant effects or critical hazards.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste disposal: The generation of waste should be avoided or minimized wherever possible. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Dispose off on site landfill area.

SECTION 14: TRANSPORT INFORMATION

Always transport in a closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

This product is not classified as a dangerous goods according to International Transport Regulations.

SECTION 15: REGULATORY INFORMATION

No ingredients in this product are subject to SARA 313 (Superfund Amendments & Reauthorization Act) Supplier Notification.

SECTION 16: OTHER INFORMATION.



For Vendors: -

Harmful if inhaled or swallowed.

Causes eye irritation.

May cause allergic skin reaction.

May cause respiratory tract and skin irritation.

Note: The information in this document is accurate to the best of our knowledge. However, we cannot guarantee anything but the quality of the product itself, as products are very often used under conditions beyond suppliers' control. We reserves the right to change the given data without further notice.

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