



Material Safety Data Sheet

National Paint Epoxy Polyester Series

Product Code: MX		Product Name: MX Series
Powder Type	Recommended Use	Date
Epoxy polyester	Powder Coating Applied by Electrostatic Spray	1/Jan/23
Section 1: Company and Material Identification & Application		
<p>Manufacturer's Name: National Paint Factories Co. Ltd.</p> <p>Address: Industrial Area 13, Maliha Road, P.O.Box 5822, Sharjah, United Arab Emirates</p> <p>Tel: +97165130000 Fax: +971 65340222</p> <p>Chemical Name: Epoxy Polyester Powder Coating Dry Paint</p> <p>Physical State: Powder state in dry form</p> <p>Product Application: Powder coating thermosetting dry paint applied electrostatically</p>		
Section 2: Hazardous Identification		
<p>Not classified as dangerous goods being in powder dry form</p> <p>Based on available information, not classified as hazardous according to criteria in degree of regulations.</p>		

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Section 3: Composition / Information on Ingredients

Components	Proportions
Resin Polymer	30-70%
Extenders/fillers	10-40%
Titanium/Pigments	10-20%
Other Additives	2-5%
Ingredients determined not to be hazardous	to 100%

Section 4: Physical Data

Physical form	Fine powder form
Odor and appearance	No unpleasant odor
Specific gravity	1.2-1.8
Boiling point	Not applicable
Water solubility	Insoluble
Evaporation Rate	Not applicable
Softening point	> 50°C
Particle size	10-90um(>80% laser analyzer)

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Section 5: Reactivity Data

Chemical Stability	Stable
Reactivity under the condition	Non-reactive under ambient conditions
Hazardous decomposition products	In complete combustion can produce carbon monoxide and dioxide, nitrogen oxides and smoke

Section 6: Toxicological Properties

Skin contact	Non hazardous
Skin absorption	Not applicable
Eye contact	Irritation
Inhalation acute	Not applicable
Ingestion	Not applicable
Effect of exposure	Not applicable

Section 7: Personal Preventive Measures

Hand protection	General industrial gloves
Respiratory	Face Mask
Eye protection	Protective glass
Foot protection	Industrial shoes

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Section 8: First Aid Measures

Eye contact	Flush with plenty of water for at least 15min and take medical care
Skin contact	Wash with water and soap
Ingestion	Seek medical attention
Inhalation	Remove from area to fresh air and seek medical attention

Section 9: Fire Fighting Measures

1. Use fully protective equipments with self-contained breathing apparatus.
2. Dust generated from this product during handling may create a fire. Minimize dusting during handling
3. Keep all equipment clean and properly grounded to avoid static electricity discharge.

Section 10: Storage

Store in dry, as per recommended temp place. Keep away from sources of heat, ignition and direct sunlight. No smoking. Containers that are opened must be carefully resealed and kept upright to prevent leakage.

Section 11: Accidental Release Measures

Clean up:

Clean up spills using an explosion proof vacuum cleaner, then dispose in accordance with local, state, and federal regulations. Avoid sweeping and dust cloud formation.

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Section 12: Handling

1. Precautions should be taken to prevent the formations of dust
Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or ignition sources.
3. Preparation may charge electrostatically, always use earthing leads when transferring from one container to another. Operators should wear anti-static footwear.
4. Avoid skin and eye contact. Avoid the inhalation of dust, particles and spray mist arising from the application of this preparation.
5. Keep containers tightly closed. Isolate from sources of heat, sparks and open flame.
6. Smoking and drinking should be forbidden in application area.

Section 13: Disposal Considerations.

Manage or dispose in accordance with local, state, and federal regulations.

Section 14: Hazards Identification

Health Hazards

Based on the composition and performed toxicity studies with the product, the preparation can be considered as an inert dust. It is not harmful.

Environmental Hazards

Not classified as dangerous for the environment. Tests and long term use of powder coatings have in general shown no specific risk. If powder coatings are applied and stove according to the recommendations, emissions will be within the legal limits. The extract of a typical powder coating with rainwater shows that a deposit will not affect ground or surface water substantially.

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Section 15: Regulatory Information

Not applicable as goods are not classified under dangerous regulations

Section 16: TRANSPORT INFORMATION

SHIPPING INFORMATION:

SHIPPING NAME:	EPOXY POLYESTER POWDER COATING DRY PAINT
PIN/UN NUMBER:	NOT REGULATED AS A HAZARDOUS MATERIAL
PACKING GROUP:	NOT REGULATED AS A HAZARDOUS MATERIAL
TDG REGULATED:	NOT REGULATED AS A HAZARDOUS MATERIAL
DOT REGULATED:	NOT REGULATED AS A HAZARDOUS MATERIAL
IATA REGULATED:	NOT REGULATED AS A HAZARDOUS MATERIAL
IMDG REGULATED:	NOT REGULATED AS A HAZARDOUS MATERIAL

Prepared By

Prepared by R&D - National Paints Powder coatings

Prepared on 1-Jan-23

Disclaimer

Information contained in this material safety data sheet is believed to be reliable and given in good faith, but no representation, guarantee or warranties of any kind are made as to its accuracy, suitability for a particular application or results to be

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