



PRODUCT SCOPE:

Bestcoat EP 44 Polyamide Cured Epoxy Enamel is a medium build product for use in industrial complexes where corrosion and chemical influences prevail. It has more abrasion and chemical resistance than the conventional enamels. It can also be used as a primer coat on concrete floors with subsequent covering with Bestcoat 218 or Bestcoat 300 enamels.

PRODUCT COMPOSITION:

Bestcoat EP 44 Polyamide Cured Epoxy Enamel is composed of Epoxy Resin coupled with Polyamide Cross Linker blended with suitable pigments and inert extenders which all together impart it excellent properties of adhesion, corrosion protection and scratch resistance.

TECHNICAL INFORMATION	
Type Of Product	Two Pack-Cold Cured
Priming Coat	Different Types (According to Need)
Pack Viscosity	20-25 Seconds
Gloss	Medium To High Sheen
Color	Assorted
Flash Point	22-28 °C
Volume Solids	47-53 %
Xylene Rub	20 Rubs
Alkali Resistance	Good
Salt Resistance	Good
Water Resistance	Good
Abrasion Resistance	Good
Mixing Ratio	3 Parts Base : 1 Part Hardener (V/V)
Pot Life (After Mixing)	6~8 Hours @ 15 °C

APPLICATION INFORMATION	
Application Method	Conventional Spray/Airless Spray/Brush/Roller
Application Viscosity	Depends on Method of Application
Solvent / Cleaner	Epoxy Thinner
Covering Capacity (Theoretical)	10 m ² /Liter @ 50 µm DFT (Assuming no loss)
Number of Coats	Recommended Two Coats
Dry Film Thickness	50 µm (Recommended)
Wet Film Thickness	90-110 µm (Recommended)
Surface Dry	1~2 Hours @ 15 °C
Drying Time	Recoat Time: 16 Hours Minimum
	Full Cure: 07 Days @ 15 °C
Pot Life (When Mixed)	6~8 Hours



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SURFACE PREPARATION:

- Surface must be free from dust, dirt, oil, grease, rust and any loose, flaking matter.
- Degrease the surface with Epoxy Thinner.
- For Ferrous Metals, either of Bestcoat 610, Bestcoat-78, Bestcoat 66 Primer (According to need of the substrate and working environment) is recommended.
- For Non-Ferrous Metals, first apply a thin coat of 2-Pack Wash Primer and then apply one coat of Bestcoat -78 Primer prior to application of Bestcoat 218 High Build Epoxy.

STORAGE AND HANDLING PRECAUTIONS:

- Keep away from Heat and Spark Sources
- Keep under shed, away from direct sunlight
- Keep the containers closed in storage
- Never breath the Dust, Mist, Gas, Vapours from the container
- Do not apply during Rain/Fog/Mist/Wind or when the temperature is below 10 °C or above 40 °C.
- Use the paint in ventilation
- Store below 35 °C for best performance
- As long as container is firmly sealed and stored under recommended storage conditions, product can be used within 12-Months of manufacturing date.

FIRST AIDS:

In Case Of Eye Splashes

- Wash with plenty of Flowing Cold Water
- Immediately consult the physician

In Case of Inhalation (If the Person Feels Dizziness or Unconsciousness)

- Remove the person to Open Fresh Air Area
- Provide artificial breathing if needed
- Consult a Doctor

In Case ingestion

- Drink Plenty of Water or Milk
- Do not induce vomiting
- Consult a doctor

In Case of Skin Contact (If Irritation Is Felt)

- Wash with plenty of Water and Soap
- Consult a doctor if irritation continues



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SPILLAGE HANDLING:

- Do not wipe the place with solvent.
- Use Wood Saw Dust and Sand and thoroughly spread on the spilled paint.
- Gather the mixture, store in some waste drum and dispose-off according to local environment regulations.
- Never throw out the paint in open garbage areas where fire is a norm.

SAFETY & PRECAUTIONS:

- Avoid prolonged and repeated contact with skin.
- Avoid prolonged inhalation.
- Never try to ingest the product.
- Always use safety items like goggles, mask, gloves, and apron for personal safety.
- Do not use the product in congested or poor ventilated areas.

Disclaimer:

The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything but the quality of the product itself. We reserve the right to change the given data without notice.

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