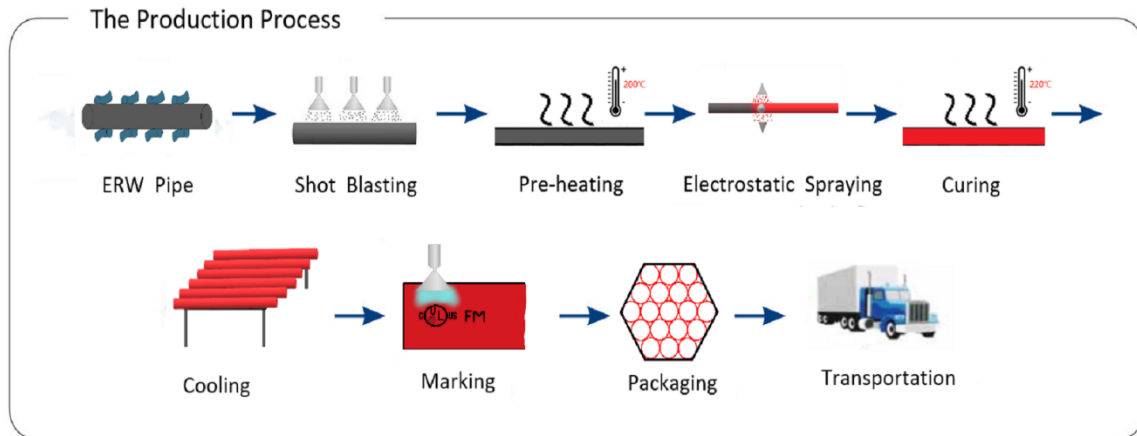


3 Production Process



- **Measurement of Production Environmental Conditions:** Use of a low pressurized chamber system predefined environmental conditions, keeping the variables constant:
 - ✓ Dew point: <10 ° C (50 ° F)
 - ✓ Maximum Relative Humidity: 95% non-condensing
- **ERW pipe:** 100% hydraulic and eddy current testing, free of grease and dust.
- **Shot blasting:** It is carried out under the SSPC-SP6 "Commercial Grade" Standard.
- **Pre-heating:** The preheating temperature is inside the chamber, preheated to 200 -220° C for 15-25 minutes according to the volume used.
- **Electrostatic Spraying:** Cabin with Dust Filtration, and the number of spray guns selected is determined by the size and quantities of pipes.
- **Curing:** It uses two LPG gas burner system, with adjustable temperature of 180 ° C -230 ° C , 25 meters long, for a period of 25 minutes.
- **Cooling:** Put the pipes on the shelf until they reach to room temperature.
- **Marking:** Printing on the pipe, standard, type, company logo.
- **Packaging:** Metal band, plastic cover and protective mesh.
- **Transportation:** Deliver the pipes to the destination.

4 Material Safety Data Sheet

4.1 Identification of the substance/preparation and the company/ undertaking

Product Name: Epoxy Powder Coating

Supplier: Qingdao Jindapeng Powder Technology co., Ltd

Street Address: Zhaojialing IndustriaPark, Jimo, Qingdao City, Shandong China

Telephone Number: +86-0532-82513968

Facsimile: +86-0532-82513968

Emergency Telephone: +86-015865329690

Issue Date: 11/5/2011

4.2 Composition/information on ingredients

Product Description: Powder coating Applied by electrostatic spray. Colored solid with a slight odor

Raw Material Component Name	Percentage(w/w)%	CAS Number
Epoxy resin	74.706	25036-25-3
superfine barium sulfate	18.3	7727-43-7
Rutile Titan um Dioxide	5	13463-67-7
Fast Violet	0.315	6358-30-1
DPP Red	1.023	84632-65-5
Benzoin	0.656	693-98-1

4.3 Hazards identification

Poisons Schedule: None allocated

4.4 First-aid measures

Inhalation: Remove victim from area of exposure-avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin Contact: If skin contact occurs, remove contaminated clothing and wash skin with running water. If irritation occurs seek medical advice

Eye Contact: If in eyes, wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice

Ingestion: Rinse mouth with water. If swallowed, give a glass of water to drink. Seek medical advice

Notes to physician: Treat symptomatically

4.5 Fire-fighting measures

Specific Hazards: Combustible solid. In common with many organic chemicals, may form flammable dust clouds in air. For precautions necessary refer to Safety Data Sheet "Dust Explosion Hazards"

7 Repair Method of Coating Defects

			
<p>Polish the defect area and remove the falling coating, rust and dirt to make sure the surface is clean.</p>	<p>Choosing the paint with the same color code.</p>	<p>Apply refinish paint on the surface by the brush.</p>	<p>Let the paint dry naturally.</p>