Green Chemicals

Lifecycle Management of Hazardous Substances

Restriction of Hazardous Substances in Electrical and Electronic Equipment Directive and its amendments (RoHS) Waste Electrical and Electronic Equipment Directive Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) and its Substances of Very High Concern (SVHC) list Stockholm Convention on Persistent Organic Pollutants, the California Safe Drinking Water and Toxic Enforcement Act of 1986, and *China's Volatile Organic Compounds (VOCs) Emission Standards*

we ensure 100%

coverage of all chemicals used in our products

List of Restricted and Prohibited Substances Managed Ahead of Regulatory Requirements

Restricted Substances	CAS Number	Regulatory Requirements	Internal Management Requirements
Medium-chain Chlorinated Paraffins (MCCPs)			
Pigment Violet 29			
1,1'-(ethane-1,2-diyl)bis[pentabromo-benzene] (DBDPE)			
2,4-Di-tert-butylphenol			
p-Cresol and DCPD Butylated Products			
2,6-Di-tert-butyl-p-cresol			
Hydrogenated rosin pentaerythritol ester			



Full-Process Management of Hazardous Chemical Substances in Products

Product Development

General Principles for Ecological Design of Products
Management Standards of Restricted Substances of Materials and Finished Products, and
Principles of Green Chemistry

Material Procurement

Incoming Material Inspection

Process Control

Finished Product Assurance

Replacement of Hazardous Substances

focusing on the development and implementation of safer alternative materials and production processes

Schedule and Implementation Progress of Hazardous Substance Phase-out and Replacement Plans

Scheduled Phase-out / Replacement Year	Substance (Substance Group)	Affected Materials/ Products	Progress/Status
2019			
2019			
2021			
2022			
2022			
2022			
2023			
2023			
2023			
2025			
2029			

Case Lanto Kunshan Conducted Hazardous Substance Phase-out for Eco-Friendly Cable Product Advancement

Case Luxshare Xuancheng Advanced the Upgrade of Cleaning Agents, Achieving a Significant Reduction in VOCs Emissions

Hazardous Substance Management Requirements of the Supply Chain

we integrate green product requirements throughout the entire supplier management process. By applying the GSCM system's GP module for full-chain digital management

Hazardous Substances Management Requirements of the Supply Chain

Entry Conditions	*Letter of Guarantee for Environmental Protection* *Management Standard for Restricted Substances of Materials and Finished Products*
Change Management	*Management Standard for Restricted Substances of Materials and Finished Products*
Regular Audit	
Replacement or Reduction	