

Personal Information

Name	Tan Jun Min
Mobile no.	93633742
Citizenship	Malaysian/Singapore PR
Language	English, Mandarin, Malay

Professional Summary

10 years' experience in product development & technical services of different coating products

Work Experience

Technical Specialist/Purchaser

Nov 2019 – Present

Trasco Coating Pte Ltd

Responsibilities

- Responsible for product development, technical services and quality assurance of stoving enamel products
- Involve in raw material sourcing and price negotiations with suppliers
- Product modifications & benchmarking to suit customer requirements
- New product development, raw material evaluation & value creation
- Responsible for company's quality assurance in ISO9001

Achievements

- Successfully reduced quality-related complaint from average 5 to ≤ 2 cases monthly for stoving enamel products
- Successfully converted all stoving enamel colours to lead-free formulations in compliance with NEA's regulation
- Obtained >25 new colours of stoving enamels qualified and ordered by customers
- Development of high gloss enamel paints, quick-dry dipping paints, alcohol-resistant spray paint for new businesses

Chemist

Aug 2016 – Nov 2019

Metal trim & woodcare, Akzo Nobel Paints (Singapore) Pte Ltd

Responsibilities

- Lead development, benchmarking, and value creation projects of metal trim & woodcare products for Asia Pacific
- Provide technical support to the country technical and business team
- Carry out duty as lab steward & in-charge for solvent-based coating laboratory
- Present new technologies & products to internal/external customers in the absence of managers

Achievements

- Successfully developed solvent-based TPA & water-based acrylic emulsion roadline paint for regional portfolio
- Successfully developed full range of product offerings for new construction market using fiber cement substrates
- Facilitated technology transfer of floor & high performance architectural coatings into the region

R&D Chemist

Nov 2014 – Aug 2016

Industrial coating, Whitford Pte Ltd

Responsibilities

- Lead multiple product development projects in industrial coating division
- Troubleshoot customers' complaints on coating application and performance
- Provide technical services, audit and training to customers in Asia Pacific
- Evaluate new raw materials as better/cheaper alternatives to the existing materials

- Perform failure analysis using analytical instruments such as FTIR, TGA, DSC, Rheometer etc.

Achievements

- Resolved several customers' complaints and contributed to company's gaining market share in china industrial & automotive market share between 2015 to 2016
- Involved in the development of Eterna®Si – a long-lasting release bakeware coating launched in 2016
- Successfully replaced a FDA grade carbon black and resulted in 75% savings in pigment cost

Assistant Chemist

Sep 2012 – Oct 2014

NIPSEA Technologies Pte Ltd

Responsibilities

- Assist lab manager & scientist in product development projects of industrial coatings
- Present technical findings in management meetings
- Provide technical support to other Nippon Paint companies in Asia Pacific

Achievements

- Developed a scratch resistance PVDF coil coating in collaboration with Nippon Paint China
- Involved in a development project of a 'crystal-clear' 2K PU auto-refinish clearcoat with Nippon Paint Thailand
- Involved in a development project of a UV-resistant 2K PU clearcoat with Nippon Paint Singapore

Education

Period	Qualification	Institution	Grade
2021 – Est. 2023 (Part-time; In-progress)	Master of Science (Chemical Sciences)	National University of Singapore	4.75/5.00
2008 - 2012	Bachelor of Science (Honours) - Chemistry	National University of Singapore	3.95/5.00

Course Attended

Year	Course	Institution
2019 (Jan - Mar)	Apply Advanced Coating Technologies for Corrosion & Wear Prevention	Singapore institute of Manufacturing Technology
2017 (Jun - Aug)	Fundamentals of Corrosion & Corrosion Prevention	Singapore institute of Manufacturing Technology
2016 (Jun)	Basic Encapsulation Technologies	Institute of Chemical & Engineering Sciences
2015 (Apr -Jun)	Materials Characterisation	Singapore institute of Manufacturing Technology

Other Information

Reason for leaving Career advancement
Notice period 1 month