CASE STUDY CS004

Rubber Tyre Mark Removal at a Chemical Manufacturing Plant

Global Advantech has developed its next generation rubber deposit and tyre mark remover for warehouse, distribution centre and manufacturing unit floors. This product was developed to satisfy the requirements of major food, pharmaceutical, electronics, aerospace and distribution companies, for a rapid acting, non-hazardous product which enables them to remove unsightly, unhygienic and potentially hazardous rubber deposits from their floors left by forklift trucks.

Contract agrochemical manufacturing plant had its floors (20,000m2) surfaced with light grey epoxy coatings 12 months ago to maintain cleanliness. After 12 months, the entire production and warehouse areas were covered with heavy black rubber deposits from fork lift trucks.

First area treatment details

Heavy Duty Rubber Deposit Remover CM700 was applied with a mop across a floor area coated with a badly damaged red epoxy surface and covered in places with rubber tyre deposits more than 1 mm thick, directly in front of two drum ovens. The CM700 was left for 5 minutes and then removed using a scrubber-drier machine charged with a 2% solution of Industrial Hard Surface Cleaner CM712.

Global Advantech Limited

Exceptional clean technologies for a sustainable future.....

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Second area treatment details

Heavy Duty Rubber Deposit Remover CM700 was applied with a mop across a production floor area coated with a marked, light grey epoxy surface and covered in places with rubber tyre deposits up to 1 mm thick. The CM700 was left for 5 minutes and then removed using a scrubber-drier machine charged with a 2% solution of Industrial Hard Surface Cleaner CM712.

Results

Successful removal of rubber deposits and re-instatement floors to a clean condition without using disruptive and expensive techniques, e.g. shot-blasting or diamond grinding floors generating large quantities of dust which would have contaminated manufacturing processes.

Global Advantech's rubber deposit and tyre mark removal products:

- *exceed all European statutory environmental and health and safety requirements for chemical products.*
- *contain **no** dichloromethane (methylene chloride), N-methyl-2-pyrrolidone (NMP), orange/plant terpenes, hydrocarbons nor any other dangerous solvents or chemicals.*
- *are non-toxic, non-hazardous and completely biodegradable.*