

FRICITION & BONDED ABRASIVES

# Dust-suppressed powder resins

## Clean, safe & reduced capex

SUCCESS STORY



### STARTING POINT & CHALLENGE

The use of conventional powdered phenolic resins can lead to a substantial amount of air-borne dust in the workplace, associated with health hazards for humans exposed to the dust particles, as well as the explosive risk of concentrated dust due to static electricity. To extract these dusts from the workplace environment, companies often install elaborate extraction ducting systems at high capital cost.

### SOLUTION

ASK Chemicals offers the option of dust-suppressed powder resins to greatly reduce the occurrence of air-borne dust. Below are videos that demonstrate the effectiveness of this technology:



Dusty powder



Dust-suppressed powder resin

### TECHNICAL PROFILE

ASK Chemicals uses special additives to make the powder particles “heavier”. This prevents the particles from becoming air-borne and will also allow for quick settlement of any dust during discharging of the powder from the packaging.



Fig 1: Powder resin without dust suppressant



Fig 2: Powder resin with dust suppressant

### BENEFITS AT A GLANCE

#### Environment & workplace

- A safer and cleaner working environment

#### Total cost of ownership

- No capex for elaborate dedusting systems

 **Reziance**  
Engineered resin solutions