Dust Explosions Infographic



TYPES OF COMBUSTIBLE DUST



Agricultural Products

Sugars, Starches, Milks, etc.



Chemical Dusts

Lactose, Sulfur, Calcium, Acetate, etc.



Agricultural Dusts

Flours, Hops, Gluten, Cotton, etc.



Metal Dusts

Aluminum, Zinc, Bronze, etc.



Carbonaceous Dusts

Charcoal, Cellulose, Corn, etc.



Plastic Dusts
Epoxy Resin, Poly
Ethylene, etc.



FUGITIVE DUST & SECONDARY EXPLOSIONS



Fugitive dust is dust that is created and accumulated within a facility. It often becomes trapped in unnoticeable places such as overhead beams and above ceilings.

During a primary explosion, fugitive dust can ignite and produce secondary explosions

It is oftentimes the secondary explosion that is the most destructive.









Source: https://www.tuvsud.com/en