Spray Painting Safety Stats and Facts



FACTS

Spray Painters are exposed to many risks in spray painting operations.

1. hazardous chemicals
2. dust
3. machinery and equipment
4. fire and explosion
5. electrical hazards
6. confined spaces
7. heat
8. slips, trips, and falls
9. hazardous manual tasks

STATS

- Many different chemicals can be found in high-pressure injection guns, with the most common being paint, and paint thinner. The nature of the substance injected often determines the extent of the chemical injury. Oil paint injection injuries to the finger require amputation in over half of all reported cases, whereas latex-based paint injection injuries to the finger result in amputation less than 10% of the time.
- Records (OSHA) concerning work-related deaths in construction painting, showed a higher risk of fatal injury than expected from cohort studies including injuries on and off the job.
- Two accidents in one month at an Alabama paint manufacturer have spurred a wide variety of federal health and safety citations and more than $40,000 in fines for the company.
- Spray guns, paint guns, concrete guns, plastic injectors all operate with anywhere from 600 to 12,000 pounds per square inch (psi) velocity.
- Painters showed an excess of irritant symptoms compared with controls. Adjusted relative risks 95% confidence interval were for skin irritation painters and 2.68 % for eye irritation and 3.01 % for nasal irritation.