

Type RP and Type FD Comparison

The following is a brief overview of the differences between the Type RP and Type FD solvents.

Properties and Support

Type RP evaporates approximately 2 times slower than Type FD however RP still evaporates quite quickly which should be suitable for most applications when used as directed. Both solvents leave no residue behind after evaporating. It should also be noted that FD does **NOT** pass dielectric (ASTM D877) per IEEE 1493 while RP does. Significant testing has been done with RP on a variety of plastics, cable jackets and other cable components showing compatibility. There is extensive documentation and reports available.

Hazards

FD and RP both carry the flame and exclamation mark GHS symbols. RP does **NOT** carry the health hazard GHS symbol while FD does. FD also carries the Asp. Tox. 1 and Rep. Tox. 2 hazards while RP does not. Overall RP has fewer warnings and hazards minimizing health risks.

Packaging

RP is available in all the same style packages as FD. In addition, RP is also available in a variety of individually packaged premoistened towelettes which are easier to transport and limit excess exposure to the solvent.

Summary

The primary difference between the solvents is that FD evaporates quicker and carries more hazard warnings. While FD is faster both solvents evaporate quite quickly and are suitable for most applications.