



Are your HPLC solvents compromising the **safety** of your lab personnel and affecting your results?



Issues:



Non-hermetically sealed containers expose employees to hazardous vapours that are harmful to their health and carcinogenic. This violates the Occupational Health and Safety Act (1993)*.

Solvent vapours are flammable and pose an explosion risk in the presence of oxygen and an ignition source. Unfiltered air containing dust particles contaminate the mobile phase, leading to inaccurate chromatograms and potential system downtime due to aspirated air. Evaporation compromises solvent mixture ratios negatively influencing data.

The Solution: SCAT Safety Caps

- **Material Advantage:** Made from thermostable polyphenylene sulphide (PPS), these caps resist temperatures up to 120°C and are autoclavable.
- **Complete Sealing:** Fitted with chemically resistant fluorine rubber (FKM) seals, they ensure airtight storage.
- **Contamination Prevention:** Filters block dust and impurities, ensuring clean mobile phases for accurate chromatograms.
- **Compliance:** SCAT systems meet Occupational Health and Safety standards by preventing solvent vapor exposure.

Additional Features:

SCAT offers Plug-and-Play Starter Kits and All-Inclusive Packages that save both time and money, providing reliable, safe solvent circulation in your HPLC system.

*Applicable in South Africa

Contact your Lasec® Sales Representative today.

Ts & Cs apply

+27 21 531 7504 sales@lasec.com www.lasec.com

