

Column Packing for Gas Chromatography

INSTRUCTION MANUAL

Please read this instruction carefully, before use of this material

1. Cautions

This is packing material for GC column. Please do not use for other usages (except for only laboratory use).

Do not spill it, taking it out of the bottle.

Please wear protecting glasses when you treat it.

Please use protecting globe and mask, if necessary.

If this material go into your eyes, wash your eyes fully by running water and consult the doctor if necessary.

After handling it, wash your hand with soap fully.

Please cap the bottle tightly and store it up in a cool room.

2. Instruction

After packing the material into the column, the conditioning described below is necessary before using the column. Connect the inlet of the column to injection-side of the gas chromatograph, never connect the outlet of the column (to the detection-side).

At that time, it is desirable that the temperature of the injection port of below 100 °C.

After replacing the air in the column with carrier gas, elevate the temperature of the column oven to maximum temperature of the packing material with rate of 2 °C/min.

Usually , about 20 hours are sufficient for conditioning of the column, but in the case of silicone phased packing materials with low concentration below 5% may need over 50 hours.



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