### **Packing Material**

# Thermon-HG 5% Shinwasorb-U 60-80 mesh

# INSTRUCTION MANUAL

### 1. Caution

Please read this instruction carefully, before use of this material

#### 2. Instruction

- 1. Thermon-HG packing material is designed for analyses of organic mercury compounds (alkyl mercury compounds such as methylmercuric chloride). Do not use this product for any other types of analysis.
- Always make sure to condition columns using the conditions shown below before using columns. A chocolate colored liquid will accumulate on the glass wool in the column outlet during column conditioning.

After conditioning, replace with new wool before starting analyses (see diagram on right).

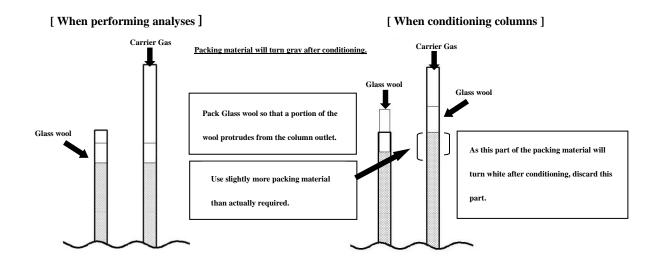
Once a column has been conditioned, it is not necessary to repeat conditioning before using the column again.

#### **Conditioning conditions**

Column temp.: 250°C (condition overnight)

Column length:  $0.5m \rightarrow$  Carrier gas flow rate: 60 ml/min

Column length: 1.0m  $\rightarrow$  Carrier gas flow rate: 80 ml/min





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