

U-CAT SA 841 catalyst CAS12674-17-3 Sanyo Japan

Product Description

U-CAT SA 841 is a powder type thermal latent alkali generator. It is DBU's phenolic varnish resin salt (30%) that softens and is active at about 137 °C. U-CAT SA 841 is used as an epoxy curing accelerator for encapsulating adhesives of various electronic materials.

Physical and chemical properties

CAS Number: 12674-17-3

Molecular formula: C₁₂H₁₄N₂O₃

Molecular weight: 222.24 g/mol

Density: 1.15 g/cm³

Flash point: Non-flammable

Boiling point: No information available

Water solubility: insoluble

Organic solvent solubility: Soluble in DMF and pyridine

Use

U-CAT SA 841 is used as an epoxy curing accelerator for encapsulating adhesives of various electronic materials. It is also used in some adhesives and sealants.

Pros

U-CAT SA 841 is a high performance curing accelerator with many advantages, including:

- Fast curing speed
- Improved mechanical properties
- Improved thermal stability
- Low toxicity

Precautions

U-CAT SA 841 is a strong base that can cause skin irritation and burns. Always wear gloves, goggles, and respiratory protection when using U-CAT SA 841. U-CAT SA 841 should not be mixed with acids or other strong bases. Be sure to keep U-CAT SA 841 out of reach of children and pets.



Shelf life:

Remain unopened for two years

Storage and Transportation:

Should be sealed, stored in a dry cool ventilated warehouse

Packing:

200KG/ barrel storage: It is recommended to store in a dry and cool area with proper ventilation. After the original packaging, please fasten the packaging cover as soon as possible to prevent moisture and other substances from mixing and affecting the product performance. Do not inhale dust and avoid contact between skin and mucous membrane. Smoking, eating and drinking are prohibited in the workplace. Shower and change after work. Store contaminated clothes separately and use them after washing. Practice good hygiene.

Technical support and business contacts E-mail: info@newtopchem.com