

# PRODUCT SAFETY DATA SHEET ACCORDING TO EEC/91/155 RULES

**PRODUCT:**

**COBRITHERM AICu**

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## 1. PRODUCT AND COMPANY DATA

PRODUCT NAME (OR TRADE NAME): **COBRITHERM AICu**

PRODUCT DESCRIPTION:

*Rigid laminate cladded one side with thick aluminium, and ED copper foil in the other side. It is designed for an effective thermal dissipation. It contains a proprietary formulated epoxy-ceramic bonding layer to get high thermal conductivity. Mainly intended for SMD*

COMPANY ADDRESS:

**AISMALIBAR S.A.**  
**Carreter de Ripollet nº 1**  
**E-08110 Montcada i Reixac (Barcelona)**

EMERGENCY PHONE: (34)-93-5656300

FAX: (34)-93-5656327

## 2. CHEMICAL COMPOSITION. DATA ON COMPONENTS

*Roughly percentage excluding copper:  
10% Epoxy resin*

Copper and aluminium content in standard laminate 1,66 mm (1500/150/35) are around 6 and 85% respectively.

DANGEROUS COMPONENTS:

DANGER CLASS:

SAFETY PHRASES:

## 3. HAZARDS IDENTIFICATION

*None*

## 4. FIRST AID MEASURES

*Not applicable*

## 5. FIRE FIGHTING MEASURES

*All the available fire-extinguishing systems could be used. The material is rated as fire resistant. In the even of fire, cautions must be taken with the fumes. Heavy fumes containing phenols and formaldehyde will be released at temperatures higher than 300 °C.*

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## **6. MEASURES IN CASE OF SPILLAGE**

*Not applicable*

## **7. HANDLING AND STORAGE**

*Can be stored in any indoor clima conditions*

## **8. PERSONAL PROTECTION AND LIMITS OF EXPOSURE**

INHALATION:

THRESHOLD LIMIT VALUE: *Not applicable*

*Work in good ventilated rooms during machining or heating processes*

*Provide of dust safety suction systems during machining processes*

*Use personnel dust mask in systemic or prolonged dust exposures*

EYES: *Not applicable*

SKIN AND HANDS: *Not applicable*

GENERAL HYGIENIC RECOMMENDED RULES

*Keep working clothes clean of dust, by some safety suction device*

*Wash the hands before eat or drink during working breaks*

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

NATURE: *Solid, polymeric matrix*

COLOR: *White*

ODOR: *None*

SPECIFIC GRAVITY: *2,88 kg/m3* (BULK MASS)

SOLUBILITY IN WATER: *insoluble*

IGNITION POINT: *>250 °C*

THERMAL DECOMPOSITION FUMES:

*See paragraph 5.*

## **10. STABILITY AND REACTIVITY**

*The product is stable and unreactive in the normal storage and process conditions*

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11. **TOXICOLOGICAL INFORMATION**

N/A

12. **ECOLOGICAL INFORMATION**

*The product is not easily biodegradable*

13. **DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL

*Material could be disposed in underground allowed sites.*

*The product is free from dibenzodioxines and dibenzofuranes precursor components.*

*Checking of the local environmental regulations is strongly recommended.*

14. **TRANSPORT REQUIREMENTS**

*None*

15. **REGULATORY INFORMATION**

N/A

16. **OTHER INFORMATION**

*International standards covering the product:*

*EN 60249-1*

*IPC-TM 650*

*METAL CLAD laminate*