

## 1. Product and Company Identification

- a. Trade Name: UHT4100K Conformal High Temperature Release Composite  
 b. Company Name: EuroPads, AM Boden 25 Staufenberg-Mainzlar, Germany  
 c. Emergency Phone: 49-6406-914-910

## 2. Hazards Identification

- |                       |    |                                    |    |
|-----------------------|----|------------------------------------|----|
| Human Health Hazards: | No | Physical and Chemical Hazards:     | No |
| Special Hazards:      | No | Contains Carcinogenic Ingredients: | No |
| Hazard Category:      | NA | Cardinal Symptom:                  | No |

## 3. Composition Information

- |                         |        |
|-------------------------|--------|
| Aluminum:               | 10-45% |
| Fluorinated polyolefin: | 5-28%  |
| Modified polyolefin:    | 30-80% |

## 4. First Aid Measures

- |                     |    |             |    |
|---------------------|----|-------------|----|
| Skin Contact:       | No | Inhalation: | No |
| Eyes Contact:       | No | Ingestion:  | No |
| Notes to physician: | NA |             |    |

## 5. Fire Fighting Measures

- |                                |  |                  |    |
|--------------------------------|--|------------------|----|
| Flash Point:                   | NA   | Flammable Limit: | NA |
| Auto-ignition Temperature:     | NA   |                  |    |
| Extinguishing Material:        | Foam, Dry Powder, Spray Water, Carbon Dioxide  |                  |    |
| Hazardous Combustion Products: | Hydrocarbon/hydrogen fluoride compounds and other acidic fuel products are produced during incineration. |                  |    |
| Firefighting Precautions:      | Firefighters must wear self-contained breathing apparatus  |                  |    |

## 6. Accidental Release and Discard Measures

- |                     |  |
|---------------------|--|
| Accidental Release: | NA   |
| Waste Disposal:     | Refer to local procedures and regulations. |

## 7. Handling and Storage

- Handling: Conformal film belongs to clean product, the edge of film sheet is sharp, and requirements of wearing clean clothes and gloves is needed during handling.
- Storage: It is recommended to be stored in room temperature and dry environment. Keep away from heat/fire/sun/rain/humidity, other the performance of the film would be affected. Recommended storage temperature is 20+/-50°C with humidity is 40~60% RH.

## 8. Exposed Controls

- |                            |  |               |                        |
|----------------------------|--|---------------|------------------------|
| Engineering Control:       | NA   | Respiratory:  | No special requirement |
| Eyes Contact:              | No special requirement   | Skin Contact: | Rinse after contact    |
| Air-condition Requirement: | NA   |               |                        |
| Other Requirements:        | It is recommended to wash hands by using soap or liquid-soap after operating. The film belongs to clean product, requirements of wearing clean clothes and gloves is needed during handling. |               |                        |

## 9. Physical and Chemical Properties

- |                |             |                    |          |
|----------------|-------------|--------------------|----------|
| Appearance:    | Milky White | Physical State:    | Solid    |
| Type:          | Sheet       | Tensile Strength:  | > 60 MPa |
| Smell:         | NA          | Molecular Weight:  | NA       |
| Weight:        | NA          | Boiling Point:     | NA       |
| Evaporability: | NA          | Volatile Quantity: | NA       |

**10. Stability and Reactivity**

Stability: Excellent stability, it is recommended to avoid dusty area.  
Incompatibility: Avoid using alkali and strong inorganic acids  
Risk of Polyreaction: Not possible

**11. Toxicological Information, effects on overexposure**

Acute Toxicity: No  
Chronic Toxicity: No  
Sensibility: No

**12. Ecological Information**

Possible Ecological Impact: Non-biodegradable

**13. Waste Disposal**

Refer to your local regulatory authority for disposal procedures.

**14. Transport Information**

Transportation Category: Non Dangerous Goods  
Cautions: The packaging should be complete and loading should be safe. During transport, it is necessary to ensure that the package does not fall or be damaged. Protect against sun exposure and rain, and prevent wrinkling.

**Note:** The information in this SDS is accurate to the best of our knowledge, EuroPads Germany. This SDS does not purport to be all inclusive and should only be used as a general guide. The user assumes all responsibility for compliance with applicable Local and International regulations and EuroPads Germany, does not assume liability for damage or loss that may occur from use of this information.