



# ProtecKote™ HU-100

TWO COMPONENT HYBRID  
URETHANE ROOF COATING



## SAFETY DATA SHEET

### ProtecKote (PART A)

#### SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

MATERIAL NAME: ..... ProtecKote PART A  
PRODUCT DESCRIPTION: ..... High Strength Fast Curing Hybrid Urethane Waterproofing Coating  
CHEMICAL FAMILY: ..... Mixture  
PRODUCT USE: ..... Construction  
TRADE NAME (S): ..... ProtecKote  
MANUFACTURER: ..... EpilayInc.  
21175, S.Main Street, E1  
Unit C Carson, CA, 90745  
USA

TECHNICAL CONTACT..... 310-320-6300 (9:00AM-5:00PM – US Pacific Time) Monday-Friday

#### SECTION 2 – HAZARDS IDENTIFICATION

##### EMERGENCY OVERVIEW:

##### Classification of the product

No need for classification according to GHS criteria for this product.

##### Label elements

The product does not require a hazard warning label in accordance with GHS criteria.

##### Hazard Identification:

- Prolonged or repeated exposure to **bitumen fumes** at elevated temperatures may pose a **potential cancer risk**.
- Some studies suggest that **polycyclic aromatic hydrocarbons (PAHs)** present in bitumen fumes may be carcinogenic.
- The **International Agency for Research on Cancer (IARC)** classifies **bitumen fumes** as **Group 2B: possibly carcinogenic to humans**.

##### Precautionary Measures:

- **Minimize exposure** to fumes by maintaining the lowest possible working temperature.
- Ensure **adequate ventilation** in enclosed or semi-enclosed areas.
- Use **local exhaust ventilation (LEV)** or fume extraction systems near emission points.
- Wear **appropriate respiratory protection** (e.g., P2 or P3 filters) when ventilation is insufficient.
- Implement **routine air monitoring** to assess fume concentrations.
- Avoid **skin contact** with hot bitumen; use protective gloves and clothing.
- Practice **good hygiene**: wash hands and exposed skin thoroughly after handling.

##### First Aid for Exposure:

- If inhaled: Move to fresh air. Seek medical attention if symptoms persist.
- If skin contact occurs: Cool affected area with water. Do not remove solidified bitumen. Seek medical help for burns.
- If eye contact occurs: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do.

##### Labeling & Communication:

- Include **cancer warning symbols** and **hazard statements** such as:
  - *H351: Suspected of causing cancer.*
  - *P201: Obtain special instructions before use.*
  - *P281: Use personal protective equipment as required.*



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## SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient Name	CAS No #	% Wt
Acrylate Polymer	25133 - 97 - 5	50%
Water	7732-18-5	10%
Calcium carbonate	471-34-1	40%

## SECTION 4 – FIRST AID MEASURES

Inhalation	If fumes or combustion products are inhaled, <ul style="list-style-type: none"><li>• Remove from contaminated area to fresh air</li><li>• Assist in breathing if necessary</li><li>• Immediate medical attention required</li></ul>
Ingestion	Immediately rinse mouth and then drink plenty of water, do not induce vomiting, seek medical attention. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions.
Skin Contact	Wash affected areas thoroughly with soap and water. If irritation develops, seek medical attention.
Eye Contact	Flush with copious amounts of water for at least 15 minutes. If irritation develops, seek medical attention.
General Advice	Remove contaminated coating
<b>Indication of any immediate medical attention and special treatment needed</b> Note to physician Treatment: Symptomatic treatment (decontamination, vital functions).	

## SECTION 5 – FIRE FIGHTING MEASURES

### 5.1. Extinguishing media

Suitable extinguishing media: water spray, foam ,dry powder

### 5.2. Special hazards arising from the substance or mixture

Hazards caused by exposure in the event of fire : No particular hazards known

### 5.3. Advice for firefighters

Protective equipment for fire-fighting:

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

### **Further information:**

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations. Product itself is non-combustible; fire extinguishing method of surrounding areas must be considered.



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## SECTION 6 – ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective clothing. Avoid contact with skin and eyes.

### 6.2. Environmental precautions

Do not release untreated into natural waters.

### 6.3. Methods and material for containment and cleaning up

For small amounts: Pick up with suitable absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr). Dispose of absorbed material in accordance with regulations.

For large amounts: Pump off product.

Spills should be contained, solidified, and placed in suitable containers for disposal.

## SECTION 7 – HANDLING AND STORAGE

### 7.1. Precautions for safe handling.

Handle in accordance with good industrial hygiene and safety practice. No special measures necessary provided product is used correctly. Ensure adequate ventilation.

### 7.2. Conditions for safe storage, including any incompatibilities.

Further information on storage conditions: Store protected against freezing.

Protect from temperatures below: 5 °C

The packed product is destroyed at low temperatures or by frost.

Protect from temperatures above: 60 °C

The packed product must be protected against exceeding the indicated temperature.

## SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

No occupational exposure limits known.

Advice on system design: Ensure adequate ventilation.

General safety and hygiene measures:

Hands and/or face should be washed before breaks and at the end of the shift. Avoid contact with skin and eyes.

Personal Protective Equipment (PPE)	
Respiratory Protection	Wear respiratory protection if ventilation is inadequate.
Hand Protection	Chemical resistant protective gloves
Eye Protection	Tightly fitting safety goggles (chemical goggles). Wear face shield if splashing hazard exists



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## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid
Odor	Faint odor
Color	White
pH	

## SECTION 10 – STABILITY AND REACTIVITY

Reactivity	No hazardous reactions if stored and handled as prescribed/indicated. Corrosion to metals: Corrosive effects to metal are not anticipated. Oxidizing properties: not fire-propagating
Chemical stability	The product is stable if stored and handled as
	prescribed/indicated.
Possibility of hazardous reactions	No hazardous reactions when stored and handled according to instructions. After long storage, slight quantities of carbon monoxide may be formed. The product is chemically stable.
Conditions to avoid	Avoid Extreme Heat.
Incompatible materials	Salt
Hazardous decomposition products	carbon dioxide, carbon monoxide, hydrocarbons

## SECTION 11 – TOXICOLOGICAL INFORMATION

No adverse health effects are expected if handled as recommended with suitable precautions for designated uses. The statement was derived from products of similar composition.

## SECTION 12 – ECOLOGICAL INFORMATION

Do not release untreated into natural waters. At the present state of knowledge, no negative ecological effects are expected.

## SECTION 13 – DISPOSAL CONSIDERATIONS

### Waste disposal of substance:

Incinerate or dispose of in a licensed facility. Do not discharge into drains/surface waters/groundwater

### Container disposal:

Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.



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SECTION 14 – TRANSPORT INFORMATION

Products are not classified as dangerous goods under any transport legislation.

SECTION 15 – REGULATORY INFORMATION

Safe Drinking Water & Toxic Enforcement Act, CA Prop. 65:

**WARNING:** This product can expose you to chemicals including ETHYLENE OXIDE, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

NFPA Hazard codes:

California Prop 65



**WARNING:** This product can expose you to formaldehyde which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

SECTION 16 – OTHER INFORMATION

DATE OF PREPARATION .....

DATE OF LAST REVISION..... N/A

CHANGES SINCE LAST- REVISION .... N/A

PREPARED BY ..... Epilay Inc.

DISCLAIMER ..... The information and recommendations contained herein are to the best of the manufacturer's knowledge and belief, and are presented in good faith and believed to be accurate as of the effective date given. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that its activities comply with Federal, State, and Local laws. The supplier shall not be liable for any loss or damage arising out of the use thereof. The information and recommendations are offered for the user's consideration and examination, and it is the user's responsibility to ensure the suitability and completeness of such information for a particular use. No information or recommendation shall be deemed to be a recommendation to use any product in conflict with any existing patent rights.