

## MATERIAL SAFETY DATA SHEET

### 1. CHEMICAL PRODUCTS / IDENTIFICATION OF SUBSTANCE

**PRODUCT NAME:** SEALBOND PU-108 Polyurethane Coating  
**PRODUCT CODE:** Sealbond PU-108  
**PRODUCT TYPE:** Polyurethane 2k Based Coating

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

*Co reaction of Polyol and Isocyanates*

<b><u>COMPONENT</u></b>	<b><u>PROPORTION</u></b>
Polymer	High
Filler	Medium
Additive Enhancers	Medium
Solvents	Low

### 3. HAZARDS IDENTIFICATION

#### **SPECIFIC HAZARDS**

Irritant (XI)

May cause sensitization by skin contact.

#### **ADVERSE HUMAN HEALTH EFFECTS**

#### **ENVIRONMENTAL EFFECTS**

#### **PHYSICAL AND CHEMICAL HAZARDS**

### 4. FIRST AID MEASURES

#### **INHALATION**

Take person out of the contaminated area. Remove patient to fresh air.

Call a doctor immediately.

#### **SKIN CONTACT**

Wash in soap and water and rinse with water.

Take off all contaminated clothing.

#### **EYE CONTACT**

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Never use solvent.

If irritation continues, see an ophthalmologist.

#### **INGESTION**

Give lukewarm water to drink. Do not induce vomiting.

Do not make the victim drink milk or fatty fluids.

If swallowed, seek immediate advice and show container or label to the doctor.

#### **PROTECTION OF FIRST AIDERS**

#### **NOTE TO PHYSICIAN**

#### **OTHERS**

Call a doctor in case of doubt or if symptoms persist.

If unconscious, place in recovery position and seek medical advice.

## **5. FIRE FIGHTING MEASURES**

### **EXTINGUISHING MEDIA**

#### **SUITABLE**

Dry powder.

Foam.

Carbon dioxide.

#### **NOT SUITABLE**

Water jet.

### **SPECIFIC HAZARDS**

Toxic vapours.

### **SPECIFIC METHODS**

Cool the container with water when exposed to fire.

Eliminate all sources of combustion.

### **PROTECTION OF FIRE FIGHTERS**

In case of fire and/or explosion do not breath fumes.

## **6. ACCIDENTAL RELEASE MEASURES**

### **PERSONAL PRECAUTIONS**

Avoid inhaling vapors.

Keep away from fire and sparks.

Workplace ventilation.

### **SPECIAL PROTECTIVE MEASURES**

Water protective equipment.

Refer to protective measures listed in sections 7 and 8.

### **ENVIRONMENTAL PRECAUTIONS**

Discharge in sewer prohibited.

Absorb with inert material (vermiculate, sand) and collect in closed containers.

If the product contaminates lakes, rivers or sewers, inform appropriate authorities in accordance with local regulations.

### **METHOD OF CLEANING UP RECOVERY**

Collect spillages.

Absorb with sand or sawdust.

Collect the product in a container pending future destruction.

### **NEUTRALIZATION**

#### **DISPOSAL**

Use authorized discharger or burn in approved installation.

Do not discharge in sewers.

Consult local waste disposal authorities.

## **7. HANDLING AND STORAGE**

### **HANDLING**

Avoid contact with skin.

Avoid contact with eyes.

### **TECHNICAL MEASURES**

#### **PREVENTION OF WORKER EXPOSURE**

Handle with care using hand and eye protection.

When using, workplace ventilation is required – NO SMOKING

Comply with the Health and Safety work laws.

**PREVENTION OF FIRE AND EXPLOSION**

Keep away from sources of ignition – NO SMOKING

**SAFE HANDLING ADVISES**

**STORAGE**

Do not keep for prolonged periods of time.

Keep container tightly closed.

Keep away from food, drink and animal feeding stuffs.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Clear / Pigmented
Odour	Aromatic Solvents
Expositive Properties	6.6
Solubility in Water	Almost Insoluble
Flash Point	27°C
VOC	less than 100g/L

**10. STABILITY AND REACTIVITY**

STABILITY & REACTIVITY

Stable under ambient temperature

MATERIALS TO AVOID

Minerals and organic acids, oxidizing materials and organic halides.

HAZARDOUS DECOMPOSITION PRODUCTS

Combustion can produce carbon monoxide and or/ carbon dioxide and oxides of nitrogen.

**11. TOXICOLOGICAL INFORMATION**

SKIN IRRITATION: may cause burns

EYE IRRITATION: Irritating to eyes.

SENSITIZING: may cause sensitization by inhalation and skin contact.

CHRONIC TOXICITY: No information

REPRODUCTIVE TOXICITY: No Information

**12. ECOLOGICAL INFORMATION**

BIODEGRADABILITY : Not notice biodegradability

BIOACCUMULATION : Not Notice bioaccumulation

**13. DISPOSAL CONSIDERATIONS**

Waste cloth and resin are burning in a chemical incinerator with an afterburner and scrubber. Or contact local industrial waste disposal company for disposal.

#### **14. TRANSPORT INFORMATION**

UN Haz. Class : 8  
Packaging Group : 3

UN Number : 1760

#### **15. REGULATIONS**

Labeling according to EEC Directives

Hazardous identification : Hazards identification : C (Corrosive)

Harmful in contact with skin and if swallowed. Irritating to eyes. Causes burns.

May cause sensitization by skin contact.

#### **16. OTHER INFORMATION**

The data are up to the current level of our knowledge and experience. The MSDS I sonly intended to give a description of products with regard to safety requirement. The data cannot be interpreted as a guarantee of properties.