

# MATERIAL SAFETY DATA SHEET

---

## 1. CHEMICAL PRODUCTS/ IDENTIFICATION OF SUBSTANCE

PRODUCT NAME : Epoxy Tank Lining  
PRODUCT CODE : Sealbond ETL-100  
PRODUCT TYPE : Epoxy Resin/Polyamide Base

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical	CAS Number
Titanium Dioxide	13463-67-7
Polyamide	68410-23-1
Epoxy Polymers	25068-38-6

## 3. HAZARDS IDENTIFICATION

### **POLYAMIDE BASE** **SPECIFIC HAZARDS**

Irritant (XI)

May cause sensitization by skin contact.

### **ADVERSE HUMAN HEALTH EFFECTS**

### **ENVIRONMENTAL EFFECTS**

### **PHYSICAL AND CHEMICAL HAZARDS**

## 4. FIRST AIDE 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. SPECIAL FIRE FIGHTING PROCEDURES AND PRECAUTIONS**

### **EXTINGUISHING MEDIA**

Use water fo.0g, "Alcohol" foam, dry chemical or Co2. Do not use a direct stream of water. Product will float. Water or foam may cause frothing which can be violent if sprayed into containers of hot burning product. Material will not burn unless preheated. Do not enter confined fire space without full banker gear (helmet with face shield, bunkers coats, gloves and rubber boots), including a positive pressure niosh approved self-contained breathing apparatus. Cool fire exposed containers with water.

## **6. ACCIDENTAL RELEASE MEASURES**

### **PERSONAL PRECAUTIONS**

Avoid inhaling vapors when not cured.

Workplace ventilation.

### **SPECIAL PROTECTIVE MEASURES**

Water protective equipment.

Refer to protective measures listed in sections 7 and 8.

### **ENVIRONMENTALPRECAUTIONS**

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, eyes during application. When eyes and skin irritate and contact wash it with soap and water.

### **TECHNICAL MEASURES**

### **PREVENTION OF WORKER EXPOSURE**



- Risk phrases:
  - R 36/38 Irritating to eyes and skin.
  - R- 43 May cause sensitization by skin contact.
  - R 51-53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- Safety phrases
  - 28 After contact with skin, wash immediately with plenty of soap and water.
  - 37/39 Wear suitable protective clothing, gloves and eye/face protection.
  - 61 Avoid release to the environment. Refer to special instruction/safety data sheets
- Primary irritant effect:
- On the skin: Irritant to skin and mucous membranes.
- On the eye: Irritant effect.
- Sensitization: Sensitization possible by skin contact.
- Additional toxicological information:
 

When used and handle according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

## 10. EMPLOYEE PROTECTION

Avoid breathing vapors/mists. Use a niosh-approved respirator as required to prevent over-exposure. In accord with 29 CFR 1910.134, use either a full-face, atmosphere-supplying respirator or an air-purifying respirator for organic vapors. Avoid breathing vapors which may be produced under some conditions such as heating or applications of uncured material in large surface areas (e.g, flooring and painting). Avoid breathing aerosols and mists which may be formed by various methods of application. In accordance with Sara Title III, Section 313, the attached Environmental Data Sheet (Eds) should always be copied and sent with the MSDS.

## 11. PHYSICAL AND CHEMICAL PROPERTIES

FORM:	Liquid
COLOR:	White
FLASH POINT:	> 93°C (>199°F)
AUTO IGNITING:	Product is not self igniting
DANGER OF EXPLOSION:	Product does not present an explosion hazard
SOLUBILITY IN / MISCIBILITY WITH WATER:	Not miscible or difficult to mix
SOLVENT CONTENT	
ORGANIC SOLVENT:	0.0%
SOLIDS CONTENT:	100.0% (solvent free)
VOC CONTENT	94.3g/L

## 12. STABILITY AND REACTIVITY

- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- Dangerous reactions No dangerous reactions known.
- Dangerous products of decomposition: No dangerous decomposition products known

### 13. TOXICOLOGY INFORMATION

- Acute toxicity.
- Primary irritant effect.
- On the skin: May cause skin irritation
- On the eye: Irritating eye.
- Sensitization: Sensitization possible through skin contact.
- Additional toxicological information.
- The product shows the following dangers according to internally approved calculation methods for preparations: Irritant

### 14. ECOLOGICAL INFORMATION

#### **Ecotoxicological Effects**

- Remarks: Toxic for fish  
General notes:
- Water Hazard Class 1 (Self-assessment): Slightly hazardous for water
- Water Hazard Class 2 (Self-assessment): hazardous for water
- Do not allow product to reach ground water, water course or sewage system.
- Danger to drink water if even small quantities leak into the ground.
- Also poisonous for fish and plankton in water bodies..
- Toxic for aquatic organisms.

### 15. DISPOSAL CONSIDERATION

- **Recommendation:**  
It is the generator's responsibility to determine if the waste meets applicable definitions of hazardous waste. Local Regulations may differ from disposal regulations. Dispose of waste material according to local and provincial environmental regulations.

Recommendation: Disposal must be made according to local regulations.

### 16. OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.