



**ZENITH** INDUSTRIAL RUBBER  
PRODUCTS PVT. LTD.  
*Quality Rubber Solutions*

An ISO 9001:2008 Registered Company  
An ISO 14001: 2004 Registered Company

## **MATERIAL SAFETY DATA SHEET**

**ELECTRICAL INSULATION MAT: CONFORMING CEI 61111:2009**

**ISSUE DATE: 1 APRIL, 2017**

### **SECTION (1) COMPANY IDENTIFICATION AND CHEMICAL PRODUCT**

#### **PRODUCT INFORMATION:**

**Product Name : LSEI-N 70155- Electrical Insulation**

#### **COMPANY IDENTIFICATION**

**COMPANY:** ZENITH INDUSTRIAL RUBBER PRODUCTS PVT. LTD.

Address: 141/144<sup>TH</sup> Floor, Free Press House, Free Press Journal

Marg-215 ,Nariman Point, Mumbai – 400 021, India

Tel: +91 22 6143 6500. Fax: +91 22 22885888

### **SECTION (2) COMPOSITION / INFORMATION ON INGREDIENTS**

Name: Vulcanized Rubber sheets made from high quality Ethylene-Propylene Diene Monomer rubber, containing additives as antioxidants, process aids, mineral fillers and chemicals for vulcanization.

### **SECTION (3) PHYSICAL AND CHEMICAL PROPERTIES**

State:	Vulcanized rubber sheet
Solubility in Water:	Insoluble.
Boiling Point (Deg. C):	Not Applicable
Working Temp: Range (Deg. C):	- 40 ° C to + 130° C
Specific Gravity:	1.55 (gm/cc)
Tensile Strength:	50 (kg /cm <sup>2</sup> )
Elongation:	250 (%)
Hardness:	70 ± 5 (Shore A)
APPEARANCE	Flat Rib sheet

## **SECTION (4) HAZARD IDENTIFICATION**

**RISK** None under normal operating conditions

**SAFETY** None under normal operating conditions

### **ACUTE HEALTH EFFECTS AND FIRST AID MEASURES (FAM)**

**EYE CARE:** Although the material is not thought to be an irritant, direct contact with the eye may produce transient discomfort characterized by tearing or conjunctival redness.

**FAM:** If this product comes in contact with eyes, wash out immediately with water. If irritation continues, seek medical attention.

**SKIN CARE:** The material does not produce adverse health effects or skin irritation following contact. Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable gloves be used in an occupational setting.

**FAM:** If skin or hair contact occurs, Flush skin and hair with running water (and soap if available), Seek medical attention in event of irritation.

### **SWALLOWING**

Ingestion is not thought to produce harmful effects, the material may still be damaging to the health of the individual, following ingestion. It may cause discomfort in the intestinal tract.

**FAM:** Consult doctor.

### **INHALING:**

The material does not produce adverse health effects or irritation of the respiratory tract following contact. Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting.

**FAM:** In case of discomfort, consult doctor.

### **PROLONGED HEALTH EFFECTS**

The additives are mixed in the rubber and do not present a hazard during handling at room temperature.

**FAM:** In case of prolonged discomfort, doctors are advised to treat the symptoms.

## **SECTION (5) FIRE FIGHTING MEASURES**

### **EXTINGUISHING MEDIA**

Carbon Dioxide

Dry Chemical Powder

Water Spray or fog – Large fires only

Foam

### **FIRE FIGHTING**

Wear breathing apparatus plus protective gloves.

Alert Fire Brigade and tell them location and nature of hazard

Use water delivered as a fine spray to control fire and cool adjacent area.

### **FIRE / EXPLOSION HAZARD**

Non combustible

Not considered a significant fire risk, however product may burn.

## **SECTION (6) HANDLING AND STORAGE**

### **SUITABLE CONTAINER**

No restriction on the type of containers. Packing as recommended by manufacturer.

Check all material is clearly labeled

### **STORAGE INCOMPATIBILITY**

No known incompatibility with normal range of industrial materials.

### **STORAGE REQUIREMENTS**

Special storage precautions not required.

### **TRANSPORTATION**

No restrictions.

## **SECTION (7) STABILITY AND REACTIVITY**

### **Chemical Stability**

Stable at normal temperature and storage condition.

### **Conditions to Avoid**

Overheating

### **Incompatibility with other materials**

No specific information is available, however strong oxidizing or reducing agents which are generally not compatible with the sheets.

### **Hazardous Decomposition Products**

Fumes produced when heated to decomposition temperatures may contain styrene, carbon monoxide, carbon-dioxide, sulfur-di-oxide, aromatic and aliphatic hydrocarbons and nitrogenous products.

## **SECTION (8) DISPOSAL CONSIDERATIONS**

Preferred options for disposal are (1) recycling, (2) incineration with energy recovery, and (3) landfill. The high fuel value of this product makes option 2 very desirable for material that cannot be recycled, but incinerator must be capable of scrubbing out acidic combustion products. Treatment, storage, transportation, and disposal must be in accordance with applicable federal, state/provincial and local regulations.

## **SECTION (09) TRANSPORTATION INFORMATION**

Shipping Information

DOT

Proper Shipping Name: not regulated

Hazards Class: not regulated

## **SECTION (10) REGULATORY INFORMATION**

TSCA Inventory Status: This product and all components are listed on the EPA Toxic Substances Control Act Inventory.

Export Notification Status: This product does not contain any components subject to export notification requirements.

### **Important Note:**

This information is furnished without warranty, expressed or implied, as to accuracy or completeness. This information is obtained from various sources including the manufacturer and other third party sources. The safety data sheet only describes the products in aspect to their safety requirements.