

# MATERIA SAFETY DATA SHEET

## (PLASTIC SCALES SQUARE)



### SECTION 1. MATERIAL IDENTIFICATION

#### PRODUCT NAME

PLASTIC SCALE SQUARE

#### MATERIAL USED

Polyolefins

#### MANUFACTURER'S NAME

SAKSHI INNOVATIONS PRIVATE LIMITED  
Gurudwara Somasar Road, P.O. Sahnewal, Village TIBBA, Distt. LUDHIANA-141 120 (INDIA)

### SECTION 2. COMPOSITION

Chemical Name : Low Density Polyethylene (LDPE)  
CAS No : 9002-88-4  
Composition : 99 % (Minimum).

### SECTION 3. HAZARDS IDENTIFICATION

Not classified as dangerous for supply/use. The preparation does not meet the criteria for classification in accordance with Directive 1999/45/EC and Directive 1272/2008/EC.

### SECTION 4. FIRST AID MEASURES

**INHALATION** : Remove the patient from exposure. Keep patient at rest and give oxygen if breathing difficult. If symptoms develop, obtain medical attention.

**SKIN CONTACT** : After contact with skin, wash with water. In case of burns from hot material immediately cool affected skin as long as possible with cold water.

**EYE CONTACT** : Remove particles by irrigating with eye wash solution or clean water, holding the eyelids apart. If symptoms persist, obtain medical attention.

**INGESTION** : Unlikely to be hazardous if swallowed. Provided the patient is conscious, wash out mouth with water and give 200-300 ml (half a pint) of water to drink. Do not induce vomiting. If symptoms develop, obtain medical attention.

**FURTHER MEDICAL TREATMENT** : Unlikely to be required but if necessary treat symptomatically.

### SECTION 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA** : As appropriate for surrounding fire. Extinguish preferably with foam, carbon Dioxide or dry chemical.

**UNSUITABLE EXTINGUISHING MEDIA** : Do not use water jet or waterspray.

**FIRE FIGHTING PROTECTIVE EQUIPMENT** : A self-contained breathing apparatus and suitable protective clothing should be Worn in fire conditions.

**HAZARDOUS DECOMPOSITION** : Combustion or thermal decomposition will evolve toxic and irritant vapours.

**OTHER** : Can melt and burn in a fire. Molten material tends to flow or drip and will propagate fire.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS** : Caution - spillages may be slippery. Ensure suitable personal protection (including respiratory protection) during removal of spillages. Dust clouds are sensitive to ignition by electrostatic discharge.

**ENVIRONMENTAL EXPOSURE CONTROLS** : Avoid release to the environment. Do not allow to enter drains, sewers or watercourses.

**METHODS FOR CLEANING UP** : Sweep up and shovel into waste drums or plastic bags

### SECTION 7. HANDLING & STORAGE

**HANDLING** : No special precautions are necessary during handling of dust door.

**STORAGE** : Keep only in the original container. Keep container tightly closed. Keep in a cool, well ventilated place. Keep away from heat and direct sunlight. This product should be kept away from naked flames and other sources of ignition

**STORAGE TEMPERATURE** : Ambient

**STORAGE LIFE** : Stable at ambient temperature

**SPECIFIC USE** : Industrial use only

### SECTION 8. EXPOSURE CONTROLS/ PERSONAL PROTECTIONS

Provide adequate ventilation when using the material and follow the principles of good occupational hygiene to control personal exposures.

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m <sup>3</sup> )	STEEL (ppm)	STEL (mg/m <sup>3</sup> )	Note:
LOW DENSITY POLYETHYLENE	9002-88-4	No Occupational Exposure Limit assigned				
DUST	-		10			Total Dust.
			4			Respirable Dust.

**RESPIRATORY** : No special requirements. Provide adequate ventilation, including appropriate local extraction if dusts, fumes or vapours are likely to be evolved. Where engineering controls are not fitted or inadequate wear suitable respiratory protective equipment.

**EYE PROTECTION** : Eye protection with side protection

**GLOVES** : Wear suitable gloves if prolonged skin contact is likely. When dealing with hot material: Insulating gloves (Heat)

**OTHERS** : Protective working garments (e.g. safety shoes, long sleeved protective working garments). Contaminated clothing should be thoroughly cleaned.

**ENVIRONMENTAL PRECAUTIONS** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels

### SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

PROPERTY	Typical Value	Unit
APPEARANCE	Transparent	-
DENSITY	0.917	g/cm <sup>3</sup>
ELONGATION	250-350	%
HARDNESS	45	ShD
WATER ABSORPTION	0.01-0.03	%

### SECTION 10. REACTIVITY AND STABILITY

**CHEMICAL STABILITY** : Stable under normal conditions. Decomposes at temperatures above 300°C.

**CONDITIONS TO AVOID** : Heat and direct sunlight

**MATERIALS TO AVOID** : Direct contact with open flames, self igniting and explosive materials

**HAZARDOUS DECOMPOSITION PRODUCT(S)** : Carbon monoxide, Carbon dioxide, Hydrocarbons and Acrid smoke.

### SECTION 11. TOXICOLOGICAL INFORMATION

**INGESTION** : Low oral toxicity. Polypropylene Homopolymer:LD50 (rat): >5000 mg/kg

**INHALATION** : Low acute toxicity. Dusts and vapours or fumes evolved during thermal processing may cause irritation to the respiratory system

**SKIN CONTACT** : No evidence of irritant effects from normal handling and use

**EYE CONTACT** : Dust may have irritant effect on eyes. Permanent damage is unlikely.

**LONG TERM EXPOSURE** : Chronic effects are unlikely

### SECTION 12. ECHOLOGICAL INFORMATION

**ENVIRONMENTAL FATE AND DISTRIBUTION** : Solid insoluble in water. Floats on water. The product has low mobility in soil

**PERSISTENCE AND DEGRADATION** : The product is non-biodegradable

**TOXICITY** : Low toxicity to aquatic organisms

**EFFECT ON EFFLUENT TREATMENT** : Unlikely to affect biological treatment processes

### SECTION 13. DISPOSAL CONSIDERATIONS

**REGULATORY INFORMATION** : Do not allow to enter drains, sewers or watercourses. Disposal should be in Accordance with local, state or national legislation.

**RECOMMENDED** : Normal disposal is via incineration operated by an accredited disposal contractor.  
Recycle waste & use as raw material

### SECTION 14. TRANSPORT INFORMATION

#### INTERNATIONAL TRANSPORT REGULATIONS

**UN NO.** : Not applicable.

**ROAD/RAIL (ADR/RID)** : Not applicable.

**CLASS/PACKING GROUP** : Not applicable.

**IMDG CLASS** : Not applicable.

**ICAO/IATA CLASS** : Not applicable.

### SECTION 15. REGULATORY INFORMATION

**EC CLASSIFICATION** : Not classified as dangerous for supply/use.

**HAZARD SYMBOL** : Not applicable.

**RISK PHRASES** : Not applicable.

**SAFETY PHRASES** : Not applicable.

**INTERNATIONAL INVENTORIES**

**EINECS (EUROPE)** : EINECS: Polymer. Monomers included

### SECTION 16. OTHER INFORMATION

The information listed within this MSDS is solely designated for the finished processed product. The information listed is to the best of our knowledge, accurate and reliable. However there is no warranty or guarantee that can be made to its accuracy, reliability or completeness Sakshi innovations Pvt Ltd will not accept liability for any loss or damage that may occur from the use of this information.