

MATERIAL SAFETY DATA SHEET

Tile Spacer Long Square



Section 1- Chemical product and Company identification

Product Name : Tile Spacer Made of High-density Polyethylene-ethene homopolymer (HDPE)
Chemical family : Polyethylene
C.A.S. No. : 9002 – 88 – 4
Manufacturer's Name : SAKSHI INNOVATIONS

Address : Gurudwara Somasar Road, P.O. Sahnewal, Village TIBBA, Distt. LUDHIANA-141 120 (INDIA)

Section 2- Composition / information on ingredients

Chemical Name : High Density Polyethylene Homopolymer (HDPE)

C.A.S. No. : 9002 – 88 – 4

Content : (C₂H₄)_n

Composition : HDPE > 99%

Section 3- Hazards identification

Eye contact : Solid particles may cause transient irritation from mechanical abrasion

Skin Contact : Molten material may cause thermal burns

Inhalation : As such there is no possibility for inhalation

Ingestion : There is no possibility for ingestion.
Dust may form an explosive atmosphere when dispersed in air.

Section 4- First Aid Measures

Eye contact : Immediately flush eyes with water for at least 15 minutes. Hold eyelids open to ensure adequate flushing. Do not rub the eyes. Get medical attention if irritation develop.

Skin Contact : Wash affected skin area with soap and water. Get medical attention if irritation develop

Inhalation : RRemove to fresh air. get medical attention if irritation or other symptoms develop

Ingestion : If ingested dilute swallowed material by drinking water. Never give anything by mouth to an unconscious person. Get medical attention if irritation or other symptoms develop.

Section 5- Fire Fighting Measures

Flash Point : Not applicable

Extinguishing Media : Dry chemicals, foam, water or carbon dioxide.

Special fire-fighting procedure : In case of fire, wear a NIOSH (US) or CEN (EU) approved, positive pressure, self-contained breathing apparatus (SCBA) and full protective clothing. Evacuate all non-essential personnel from the danger area.

Unusual fire explosion hazards : In case of fire, wear a NIOSH (US) or CEN (EU) approved, positive pressure, self-contained breathing apparatus (SCBA) and full protective clothing. Evacuate all non-essential personnel from the danger area.

Hazards combustion products : When forced to burn the major gaseous products of the combustion of plastic resin are carbon monoxide and carbon dioxide.

Section 6- Accidental Release Measures

Personal Precautions : Restrict access to keep out unauthorized or unprotected personnel. Wear appropriate personal protective equipment during all cleanup activities. Avoid inhalation or direct contact.

Environmental Precautions : Keep spilled material away from heat, sparks and open flames. Ensure adequate ventilation.

Methods for cleanup : Collect spilled material using a method that minimizes dust generation (e.g. wet methods, HEPA vacuum). Place waste in an appropriate container for disposal. Use care during cleanup to avoid exposure to the material and injury from broken containers.

Section 7- Handling and Storage

Handling : Use with adequate ventilation. Avoid dust generation. Avoid contact with eyes and skin. Accumulation of dust should be removed from settling areas.

Storage : Store in a cool, dry, well-ventilated area keep away from sources of heat, flame and sparks, in original packing below 50°C and protected for UV/Direct sunlight Ventilate enclosed areas such as trailers and railcars, before entering. Have emergency equipment for waste and spills readily available.

Section 8- Exposure Control / Personal Protection

Eye Protection : Wear safety glasses with side shields, goggles or face shield.

Skin Protection : Wear appropriate gloves when handling hot material.

Respiratory Protection : None required under normal conditions of use.

Engineering Controls : Use local exhaust ventilation during dust production operations.

Required work/ Hygiene Procedure: Wash hands thoroughly after handling. Do not eat, drink or smoke in work area. If unusual exposures are expected an industrial hygiene review of work practice, engineering controls and personal protective equipment is recommended.

Section 9- Physical and Chemical Properties

Property	Typical Value	Unit
Density	0.90	g/cm ³
Hardness	50	ShD
Melting Point	268°	F
Solubility in Water	Insoluble	

Section 10- Stability and Reactivity

Stability : Stable under recommended storage conditions.

Conditions to avoid : Keep away from oxidizing agents. Avoid heat & direct sun light

Hazardous Decomposition : Not expected to occur at normal conditions.

Hazardous Polymerization : Not expected to occur at normal temp.

Section 11- Toxicological Information

Low toxicity under normal condition of handling & use

Skin Contact : Not expected to cause skin irritation.
Molten material may cause thermal burns.

Inhalation : Not a likely route of exposure. Process fumes may cause irritation.

Ingestion : May cause a choking hazard if swallowed.

Carcinogenicity : The components of this product are not classified as carcinogenic by OSHA, NTP or IARC.

Medical conditions Aggravated by over exposure : Exposure may aggravate disorders of the eyes, skin, gastrointestinal tract, and respiratory system

Section 13- Disposal Considerations

Disposal Method : This product must be disposed of in accordance with federal, state, local environmental regulations.

Recycling / reclamation : Recycling or Reclamation of Polyethylene components should be encouraged where possible.

Section 14- Transport Information

This product is not regulated as a hazardous material/dangerous good for all forms of transportation

Section 15- Regulatory information

Not hazardous according to GHS criteria.
Not hazards according to EU criteria.
Not hazards according to WHMIS criteria.
Meet the requirement of stipulated in standard IS 10146 on specification for polythene for safe use in contact
With food stuffs and drinking water.
The grade and additives incorporated in it is also comply with the FDA:
CDR Title 21,177,1520 olefin polymers

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 will not accept liability for any loss or damage that may occur from the use of this information.