

# MATERIAL SAFETY DATA SHEET

## ( GLASS BLOCK STRIP )



### SECTION 1. MATERIAL IDENTIFICATION

#### PRODUCT NAME

GLASS BLOCK STRIP

#### MATERIAL USED

High Impact Polystyrene (H.I.P.S)

#### MANUFACTURER'S NAME

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

### SECTION 2. COMPOSITION

FLOAT : Float -HIPS (High impact polystyrene) – 99%, Additives and colorants- 0-10%.  
CAS NO - 9003-55-8

### SECTION 3. HAZARDS IDENTIFICATION

HAZARD PICTOGRAM(S) : This product is not classified as dangerous according to Regulation (EC) No 1272/2008  
: not applicable

SIGNAL WORD(S) : not applicable

HAZARD STATEMENT(S) : not applicable

PRECAUTIONARY STATEMENT(S) : not applicable

The product does not meet the criteria for PBT or vPvB classification.

### SECTION 4. FIRST AID MEASURES

INHALATION : Provide fresh air. In case of noticing worrying symptoms, consult a physician

SKIN CONTACT : If molten material comes into contact with the skin, cool immediately with cold water. Removal of solidified molten material from skin as well as treatment of burns require medical assistance

EYE CONTACT : Immediately rinse eyes with water. In case of irritation, contact a physician

INGESTION : Remove material residues from mouth and rinse mouth with water. Drink plenty of water. Do NOT induce vomiting. In case of discomfort, contact a physician.

MOST IMPORTANT SYMPTOMS/EFFECT, BOTH ACUTE AND DELAY : no data available.

### SECTION 5. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA : Fine spray or water mist, dry powder, foam, carbon dioxide (Co2).

UNSUITABLE EXTINGUISHING MEDIA : High volume water jet

SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE : Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases: burning produces irritating and noxious fumes/gases, smoke, carbon monoxide, carbon dioxide, hydrocarbons

ADVICE FOR FIREFIGHTERS : Special protective equipment for firefighters - self-contained breathing apparatus and full firefighting protective gear

### SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTION, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURE : Use personal protective equipment. Avoid contact with eyes and skin. Do not breathe vapors. In case of failure in a confined space, ensure proper ventilation. Remove sources of ignition and extinguish open flame.

ENVIRONMENTAL PROTECTION : Prevent or limit further leakage if possible. Avoid discharge of the product into drain, ground and surface water

METHOD AND MATERIAL FOR CONTAINMENT AND CLEANING : Sweep up and gather solidified material into appropriate containers for disposal. Collected material treats as waste

### SECTION 7. HANDLING & STORAGE

PRECAUTIONS FOR SAFE HANDLING : Handle in accordance with general safety regulations. Use personal protective equipment. Ensure proper ventilation. Avoid contact with molten material. Do not eat, drink or smoke when using the product. Do not ingest.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES : Store in tightly closed packaging in a dry and cool room away from hot surfaces and sources of ignition. Protect from moisture and direct sunlight

### SECTION 8. EXPOSURE CONTROLS/ PERSONAL PROTECTIONS

#### CONTROL PARAMETERS

EXPOSURE LIMITS : The product does not contain any hazardous substances with occupational exposure limits

BIOLOGICAL LIMIT VALUES : Not applicable

RECOMMENDED MONITORING PROCEDURES : Not applicable

EXPOSURE CONTROL : Appropriate engineering controls: Store at temperatures between 20 °C and 30 °C. Ensure proper ventilation, especially in confined spaces. Individual protection measures, such as personal protective equipment

EYE PROTECTION : Wear safety glasses with side-shields

SKIN PROTECTION : wear heat-resistant gloves when handling molten material

RESPIRATORY PROTECTION WITH POOR FILTER : when working in spaces with high temperatures and ventilation use breathing equipment with particle

THERMAL HAZARDS : No fire hazard under normal use conditions

ENVIRONMENTAL EXPOSURE CONTROLS : Do not allow to enter into drains, ground and surface water

### SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

PROPERTY	Test Method	Unit	Nominal Value
COLOR			white
HARDNESS	-	Shore D	75
FLEXURAL STRENGTH	ASTM D790	Kg/cm2	365
MAXIMUM MELT TEMPERATURE	-	OC	180-260

### SECTION 10. REACTIVITY AND STABILITY

REACTIVITY : No reactivity under normal storage conditions

CHEMICAL STABILITY : Stable under normal storage conditions

POSSIBILITY OF HAZARDOUS REACTIONS : None under normal storage and processing.

CONDITIONS TO AVOID : Sources of heat, ignition and moisture. Working in spaces with poor ventilation.

INCOMPATIBLE MATERIALS : Strong oxidants

HAZARDOUS DECOMPOSITION PRODUCTS : No decomposition under normal conditions.

### SECTION 11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY : Oral LD50> 5000 mg / kg (rat), skin LD50> 2000 mg / kg (rabbit).

SKIN CORROSION/IRRITATION : Contact with skin may cause irritation

SERIOUS EYE DAMAGE/IRRITATION : Contact with eyes may cause irritation

RESPIRATORY OR SKIN SENSITIZATION : No sensitizing effects are known

GERM CELL MUTAGENICITY : No data available

CARCINOGENICITY : IARC (International Agency for Research on Cancer) - none of the ingredients is listed.

NTP (NATIONAL TOXICOLOGY PROGRAM) : None of the ingredients is listed

MAK (German Maximum Workplace Concentration) : None of the ingredients is listed

### SECTION 12. ECHOLOGICAL INFORMATION

TOXICITY : No data available

PERSISTENCE AND DEGRADABILITY : The product is non-biodegradable.

BIOACCUMULATIVE POTENTIAL : Bioaccumulation is not expected.

MOBILITY AT SOIL : No data available

RESULTS OF PBT AND VPVB ASSESSMENT : The product does not meet the criteria for PBT or vPvB classification.

### SECTION 13. DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS : Do not discard into drains, water courses or onto the ground. Waste and empty containers should be disposed of in accordance with local regulations

### 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.

### SECTION 16. OTHER INFORMATION

All information contained herein is based on the present state of our knowledge on the date of issue. It is believed to be accurate. It is intended to describe products from the point of view of safety requirements. It should not be construed as guaranteeing specific properties.

Under no circumstances is the user exempt from respecting legislative or administrative requirements related to the product in terms of safety, hygiene, and/or health and environmental protection.

This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

REACH DECLARATION:-

Product is in compliance with substance of Very High Concern (SVHC) i.e. ≤ 0.1 %w/w as per the candidate list promulgated by the European Chemicals Agency (ECHA) which are defined in Article 57 of REACH Regulation (EC1907/2006) checked by Tuv-Nord Group.