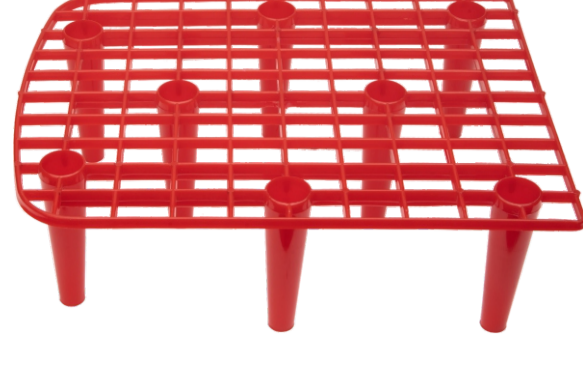


# MATERIAL SAFETY DATA SHEET

( PLASTIC GRID )



## SECTION 1. MATERIAL IDENTIFICATION

### PRODUCT NAME

PLASTIC GRID

### MATERIAL USED

POLYPROPYLENE

### MANUFACTURER'S NAME

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

## SECTION 2. COMPOSITION

Polypropylene Homopolymers

C.A.S No. : 9003-07-0 (99% Minimum)

Additives and colorants- 0-10%

## SECTION 3. HAZARDS IDENTIFICATION

EYE CONTACT : Mechanical irritation only. Wash eye with water

SKIN CONTACT : Negligible hazards at normal temperature. Exposure to hot material may cause thermal burns.

INHALATION : Product is not respirable, avoid breathing dust.

INGESTION : Not a probable rout of exposure

## SECTION 4. FIRST AIDS MEASURES

EYE CONTACT : This product is an inert solid. If in eye, removes as one would any foreign object wash eye with water

SKIN CONTACT : In case of adverse exposure to hot material, immediately immerse in or flush the affected area with large amount of cold water to dissipate heat. Cover with clean cotton sheeting and get prompt medical attention. No attempt should be made to remove material from skin or to remove contaminated clothing, as the damaged flesh can be easily torn.

INHALATION : Product is not respirable, avoid breathing dust.

INGESTION : Adverse health effects are not Anticipated.

CHRONIC EFFECT : Not Known

## 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. HANDELING & STORAGE

HANDLING : Control dust formation. Do not eat, drink or smoke at the work place. Wash face and hands before eating, drinking or smoking. Will accumulate static charges that may cause an electric spark (ignition source). Take precautionary measures against static discharge.

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

## SECTION 8. EXPOSURE CONTROLS/ PERSONAL PROTECTIONS

RESPIRATORY PROTECTION (SPECIFY TYPE) : NONE

VENTILATION : Use a well ventilation area

PROTECTIVE GLOVES : Wear suitable gloves if prolonged skin contact is likely. When dealing with hot material Insulating gloves EN 407 (heat).

EYE PROTECTION : Safety glasses with side shields. Use dust goggles if high dust concentration generate

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

OTHER PROTECTIVE EQUIPMENT : Long sleeves shirts & Long cotton pants to protect skin contact with hot melt.

## SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

PARAMETER	OBSERVATION	UNIT
Odour	Odourless	-
Density	0.96	Gm/cm <sup>3</sup>
Hardness	45	Shore D
Maximum Melt Temperature	140 - 170	°C

## 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 : This product is not transport regulated as a dangerous goods.

Not classified as dangerous for transport.

## 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

The information provided herein is Compiled by SAKSHI INNOVATIONS to be accurate from sources believed to be reliable, but it is the responsibility of the user to investigate and understand other pertinent sources of information to comply with all laws and procedures applicable to the safe handling and use of this product, and to determine the suitability of the product for its intended use.

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