

MATERIAL SAFETY DATA SHEET

(FIRM GRIP FLOAT WITH EVA FOAM)



SECTION 1. MATERIAL IDENTIFICATION

PRODUCT NAME

FIRM GRIP FLOAT WITH EVA FOAM

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. HANDELING & 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. $\leq 0.1\%w/w$ 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.

MATERIAL SAFETY DATA SHEET

EVA (Ethylene Vinyl Acetate)

SECTION 1. MATERIAL IDENTIFICATION

PRODUCT DESCRIPTION

EVA (Ethylene Vinyl Acetate) foam can be used in a wide variety of applications. It is a closed cell, cross-linked EVA copolymer foam producing an environmentally friendly product with low VOCs. High durability and sturdiness even at extremely low temperatures. Water-resistant properties Since EVA foam is highly durable and sturdy, it is able to withstand strong forces. It is also weather-resistant and is able to withstand some other harmful agents such as fuel oils and chemicals. High chemical resistance -This feature makes EVA foam awesome for all kinds of toxic situations. It's highly resistant to dilute acids, dilute alkalis, oils and greases, aliphatic hydrocarbons and alcohols.

MANUFACTURER'S NAME

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

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Ethylene Vinyl Acetate copolymers, Fillers, Lubricants, Curatives

SECTION 3. HAZARDS IDENTIFICATION

Not harmful to health or environment under normal use of product. If material is heated up, may cause burns.

SECTION 4. FIRST AID MEASURES

INHALATION : Does emit odours if sealed and exposed to higher temperature when unwrapped.

SKIN CONTACT : Not expected to present a significant skin hazard under anticipated conditions of normal use. Any heated/molten material on skin should be cooled as fast as possible. Seek immediate medical attention

EYE CONTACT : Not applicable

INGESTION : Wash mouth and seek medical advice

SECTION 5. FIRE FIGHTING MEASURES

Use foam, carbon dioxide, dry chemicals.
Combustible - will burn if exposed to naked flame. Not consider a fire risk.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Not relevant

SECTION 7. HANDELING & STORAGE

HANDLING : Provision should be made for sufficient ventilation and local exhaust where dust/fumes may be produced Avoid dust generation

STORE : Store in a dry well-ventilated area away from direct sunlight, heat and ignition source. The appropriate company regulation for the fire prevention are to be followed. Keep away from strong oxidising agent.

SECTION 8. EXPOSURE CONTROLS/ PERSONAL PROTECTIONS

No special precaution are necessary.

SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

CELLULAR STRUCTURE : Closed Cell

DENSITY (KG/M³) : 125 - 160 kg/m³

SHORE HARDNESS A (DUROMETER) : 15 - 20

WATER ABSORPTION BY WEIGHT % : Low water

TEMPERATURE : Good at low temperature

SECTION 10. REACTIVITY AND STABILITY

CONDITION TO AVOID : Contact with source of ignition. Decomposition above 300°C.

MATERIAL TO AVOID : Strong oxidising agent.

HAZARDOUS DECOMPOSITION PRODUCT : Oxides of carbon.

HAZARDOUS REACTIONS : The product will not undergo hazardous polymerisation.

SECTION 11. TOXICOLOGICAL INFORMATION

In normal use no toxicological effects are known.

SECTION 12. ECHOLOGICAL INFORMATION

Material is inert and insoluble in water.

SECTION 13. DISPOSAL CONSIDERATIONS

Dispose according to local regulation. Recycle is possible.

SECTION 14. TRANSPORT INFORMATION

Material is classified as non-hazardous i.e. not comes under DGR.

SECTION 15. REGULATORY INFORMATION

None.

SECTION 16. OTHER INFORMATION

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