

MATERIAL SAFETY DATA SHEET (MAESTERO FLOAT WITH HYDRO FOAM)



Section 1. MATERIAL IDENTIFICATION

Product name – MAESTERO FLOAT WITH HYDRO FOAM
Material -High Impact Polystyrene (H.I.P.S)
Manufacturer : Sakshi Innovations Pvt. Ltd.
Gurudwara somasar Road, P.O Sahnewal,
Village TIBBA PO SAHNEWAL
Distt. LUDHIANA – 141 120 (INDIA)

2. Composition

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

3. Hazards Identification :

This product is not classified as dangerous according to Regulation (EC) No 1272/2008

Hazard pictogram(s) : 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.

4. First Aid Measures :

Eye contact : Immediately rinse eyes with water. In case of irritation, contact 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

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.

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

Most important symptoms/effect, both acute and delay : no data available.

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.

6. Accidental Release 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.

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.

8. Exposure Control / Personal Protection:

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 :when working in spaces with high temperatures and with poor

Thermal hazards: : no fire hazard under normal use conditions.

Environmental exposure controls

: do not allow to enter into drains, ground and surface water.

9. Physical & Chemical Properties :

Property	Test Method	Unit	Nominal Value
Color			white
Hardness	-	Shore D	75
Flexural Strength	ASTM D790	Kg/cm ²	365
Maximum Melt Temperature	-	°C	180-260

10. Reactivity & 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.

11. Toxicological Information :

INFORMATION ON TOXICOLOGICAL EFFECTS

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

12. Ecological 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.

13. Disposal Consideration :

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.

14. Transport Information :

International transport regulations: Not classified as dangerous for transportation.

UN NO : Not applicable.

Rail/road (RID/ADR) :Not applicable.

Class/Packing Group : Not applicable.

IMDG Class : Not applicable.

ICAO/IATA :Not applicable

15. Regulatory Information :

EC Classification :Not classified as dangerous for supply use.

Hazard symbol :Not applicable.

Risk Phrases :Not applicable.

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.