MATERIAL SAFETY DATA SHEET
(10L BUCKET SET)

SECTION 1. MATERIAL IDENTIFICATION

PRODUCT NAME

10 L BUCKET SET

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

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.

SECTION 4. FIRST AIDS 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. ≤ 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 AIDS 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/M^3) : *125 - 160 kg/m^3*

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

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.

Note- 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.

MATERIAL SAFETY DATA SHEET

(10L BUCKET SET)

SECTION 1. MATERIAL IDENTIFICATION

PRODUCT NAME

10 L BUCKET SET

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

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.

SECTION 4. FIRST AIDS 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.

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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.

MATERIAL SAFETY DATA SHEET

(10 L BUCKET SET)

SECTION 1. MATERIAL IDENTIFICATION

PRODUCT NAME

10 L BUCKET SET

MATERIAL USED

Polyurethane flexible foam or PUR

MANUFACTURER'S NAME

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

SECTION 2. COMPOSITION

COMPOSITION : Polyurethane polymer

CHEMICAL DESCRIPTION : Polyaddition product of isocyanates, polyether-/ polyester-polyols and water, controlled by catalysts, stabilizers and other substances, resulting in a cellular polyurethane-foam

SECTION 3. PHYSICAL PROPERTIES

PHYSICAL FORM / APPEARANCE : Cellular material with elastic properties

COLOUR : Varies

SPECIFIC GRAVITY : 10 - 300 kg/m^3

SOLUBILITY IN WATER : Insoluble

ODOUR : None or mild odour

FLASH IGNITION POINT : between 315°C to 370°C

DECOMPOSITION TEMPERATURE : > 180°C

MELTING POINT : The product has no melting point but will decompose into gaseous components.

THERMAL ENERGY : 28.000 KJ/kg

STABILITY AND REACTIVITY : The product is stable at temperatures between -40°C and +100°C

SECTION 4. FIRE HAZARDS

AUTO-IGNITION POINT (ASTM D 1929) : Between 370°C and 427°C

FIRE HAZARD : The product is a combustible material and causes, when burning, intense heat and dense smoke. In a fire, decomposition products such as carbon black, carbon monoxide, carbon dioxide, gaseous hydrocarbons and nitrogen containing products can be generated in various concentrations depending on the combustion conditions

SUITABLE FIRE EXTINGUIHERS : Water, carbon dioxide, dry powder, liquid foam

HUMAN PROTECTION AT FIRE : Fire fighters should use self-contained breathing apparatus. Should the burning foam come in contact with skin, cool the burned area with water without removing the foam. In case of serious burns call a doctor immediately. In the event of persons inhaling combustion gases, they must be removed from the area and given swift medical attention.

FURTHER FIRE INFORMATION : Terms like „is flame retarded“ or „contains flame retardants“ are sometimes used to describe improved ignition resistance in smallscale tests and do not reflect hazards in large scale fire conditions

STORAGE AND PROCESSING : In processing flexible PU foams all prescriptions, directives and technical rules regarding the layout of workstations, machinery safety and workplace human protection must be observed. Because of the fire risks associated with certain processing operations on block foam (e.g. hot-wire cutting, crumbing, flame lamination etc.) it is advisable to seek expert guidance on fire precautions that need to be in place. Attention should be paid to the possibility to produce electrostatic charges during foam processing operations that may be dangerous

SECTION 5. TOXICOLOGICAL DATA

ORAL : There is no evidence that OU foam is toxic in case of ingestion. LD50 (oral rats) > 5.000 mg/kg

INHALATION : No adverse effect known by inhalation following contact with PU foam.
In case of a conversion step in which foam material is grinded and foam dust particles can be generated a proper exhaustion of dust must be in place and/or PSP (personal safety protection) must be worn. Concentration in air equal to or greater than 10 mg/m3 8-h TWA of inhalable dust not allowed.

SKIN CONTACT : No adverse effects known following contact with PU foam

EYE CONTACT : Dust particles can cause mechanical irritation. Rinse with water to remove dust

SECTION 6. PROTECTIVE MEASURES IN HANDLING, STORAGE AND PROCESSING

HANDLING FOAM : Special protective equipment and clothing is not necessary when handling foam, since it does not irritate the skin, eyes or respiratory system, except in those processes where dust is produced

VENTILATION : Provided there is adequate general ventilation, no special precautions are necessary for most handling and cutting operations.

VENTILATION DURING SOME OPERATIONS : Local exhaust ventilation is necessary for some operations i.e. where dust is produced from sawing, buffing or crumbing operations or where fumes are produced in flame laminating, thermoforming or hot wire cutting.

STORAGE : Store away from heat sources (match, cigarette, open fire, electrical heater, UV-rays may cause surface discoloration. This does not affect the physical properties of the foam. Store in compliance with safety standards established by local authorities and by specific requirements of the insurance companies.

EYE PROTECTION : Protective goggles should be worn for processes which generate dust.

PROTECTIVE CLOTHING : Not required.
In case of dust generating operations skin protective clothes and appropriate respiratory masks are recommended.

SECTION 7. ECOLOGICAL INFORMATION

BIODEGRADABILITY : Depending on the type of PU foam, the product is not degradable or degrades slowly

ADDITIONAL ECOLOGICAL DATA : PU flexible foams do not contain Ozone depleting

SECTION 8. TRANSPORT IINFORMATION

LABELING : Polyurethan-foam is not classified for conveyance or supply under the International Agreements on Carriage of Dangerous Goods. The product is not classified as hazardous for any mode of transportation under current EU or UN regulations. In accordance with the existing directives for classification, packaging and labeling of substances and mixtures (1272/2008/EG), there is no labeling requirement.

MEASURES : No special steps need to be taken for the transportation of PU foam.

SECTION 9. DISPOSAL CONSIDERATION

PRODUCTION TRIM : Trim polyurethan foam and off-cuts can be usually be recycled by several methods unless the residues are clean and sorted

POST-CONSUMER WASTE : A major recycling option exists via re-bonding if a series of technical and economic conditions are met. If recycling is not possible, scrap or post-consumer PU foam waste can be used for energy recovery or be disposed of at licensed landfill sites or by incineration under controlled conditions in agreement with EU and National regulatory provisions and following advice from the Local Waste Regulation Authority

LEGISLATION : Under EU environmental legislation, there are no special requirements for the disposal of conventional PU foam.

SECTION 10. REGULATORY INFORMATION

The relevant national and local laws must be observed.

This information is given without explicit or implicit warranty and is based on our knowledge at the time of publication. They do not represent warranted properties.

SECTION 11. 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

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.

MATERIAL SAFETY DATA SHEET

(10 L BUCKET SET)

SECTION 1. MATERIAL IDENTIFICATION

PRODUCT NAME

10L BUCKET SET

MATERIAL USED

POLYPROPYLENE & COPOLYMER

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 breadhing 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/cm3*
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

This product is not transport regulated as a dangerous goods.

INTERNATIONAL TRANSPORT REGULATIONS : *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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