

MATERIAL SAFETY DATA SHEET (GROUT SPREADER)



SECTION 1. MATERIAL IDENTIFICATION

PRODUCT NAME

Grout Spreader

MATERIAL USED

Copolymer (CP)

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

POLYPROPYLENE HOMOPOLYMERS : 9003-07-0 (99% Minimum)
C.A.S NO. 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 route of exposure

SECTION 4. FIRST AID MEASURES

EYES : This product is an inert solid. If in eye, removes as one would any foreign object wash eye with water
SKIN : 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. HANDLING & 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
STORE : 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	0.9	Gm/cm ³
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. ECOLOGICAL 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. TRANSPORTATION 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.
SAKSHI INNOVATIONS makes no warranty, express or implied, concerning the product or the merchantability or fitness thereof for any purpose or concerning the accuracy of any information provided.

MATERIAL SAFETY DATA SHEET (GROUT SPREADER)

SECTION 1. MATERIAL IDENTIFICATION

MATERIAL USED

Reclaim Rubber (HR)

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Reclaimed Rubber, Tyre Crum, Additives, Carbon Black, Filler

SECTION 3. HAZARDS IDENTIFICATION

DANGEROUS LEVEL : Can catch fire
HEALTH HAZARDS : The product is not hazardous to health or the environment according to EC criteria.

SECTION 4. FIRST AID MEASURES

EYES : Do not rub eyes, which may cause particles to scratch the eye. Immediately flush contaminated eye(s) with lukewarm, gently running water for at least 5-15 minutes while holding the eye lid(s) open. Take care not to rinse contaminated water into non-affected eye. Neutral saline solution may be used for flushing if available. If eye irritation persists, transport victim to medical facility
SKIN : Wash skin gently with soap and water to remove dust. If irritation occurs and/or persists, seek medical attention
INGESTION : Never give anything by mouth if victim is rapidly losing consciousness, or is unconscious or is convulsing. Since the effect if ingestion of rubber has not been determined, only seek immediate medical help if large quantities have been ingested
OTHER FIRST AID : If ignited by excessive heat or open flame, this product will burn causing the release of toxic and irritating smoke. Smoke may contain noxious compounds and acid compounds of sulphur. During fire conditions, smoke is irritating to the eyes and respiratory tract. Powder or dust may form explosive concentrations when mixed in sufficient quantities of air

SECTION 5. FIRE FIGHTING MEASURES

HAZARDOUS CHARACTERISTICS : Flammable and have risk when met a fire, heat, strong oxidants
FLASHPOINT : Not Applicable
AUTO IGNITION TEMPERATURE : Unknown
SPECIAL PROTECTIVE EQUIPMENT : Wear full protective equipment with self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

EMERGENCY MEASURES : Reclaimed rubber is in solid and lump form, if it omission on the ground, just wear glove to pick it up, clean the adhesion of the impurity on the surface and re-place it to the right storage area

SECTION 7. HANDLING & STORAGE

HANDLING : Handling Precautions: operators wear masks, gloves and other PPE, no other special operating requirements
STORE : keep it away from acid, alkali, oil and other substances affecting the quality of product.

SECTION 8. EXPOSURE CONTROLS/ PERSONAL PROTECTIONS

VENTILATION : Ventilation or exhaust systems may be required to minimizing exposures
RESPIRATORY PROTECTION : It may be required to minimize exposures to vapors or gases
EYE PROTECTION : Is required such as wearing glasses with side shields. The wearing of contact lenses is not recommended
HAND PROTECTION : Use gloves and avoid contact with skin
OTHER PROTECTION : It suggested that a source of clean water is to be available in work for flushing eyes and skin. Under normal conditions of use, respiratory protection is not necessary. If dusting is an Occurrence during processing, then use of a particulate respirator is recommended.

SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

HARDNESS (RUBBER)	ShA	65 ± 3
	Solubility: insoluble in water	

SECTION 10. REACTIVITY AND STABILITY

STABILITY : Stable
MIX PROHIBITED MATERIALS : Strong acid, alkali, organic
POLYMERIZATION HAZARD : The non-aggregate.
CONDITIONS AVOIDED : Fire, heat.
DECOMPOSITION PRODUCTS : Carbon monoxide, carbon dioxide.

SECTION 11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:
LD50 : not available.
LC50 : not available.
STIMULATE RESISTANCE : not available.
MUTAGENICITY : not available.
TO CANCER : not available

SECTION 12. ECOLOGICAL INFORMATION

ECOTOXICITY : not available.
BIODEGRADATION : not available.
NON-BIODEGRADABLE : not available
OTHER HARMFUL EFFECTS : harmful to the environment, special attention should be on surface water, soil, air pollution.

SECTION 13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL : Hazardous waste () Industrial solid waste (Y)
WASTE CHARACTERISTICS : Suggested mixing recycled.
WASTE DISPOSAL METHOD : No special requirements

SECTION 14. TRANSPORTATION INFORMATION

UN NO. : Not available
PACKAGING FLAG : flammable solids.
PACKING TYPE : Bag
PACKING : According to customer requirements, no special requirements, the company uses plastic film packaging

SECTION 15. REGULATORY INFORMATION

Not available

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.
SAKSHI INNOVATIONS makes no warranty, express or implied, concerning the product or the merchantability or Fitness thereof for any purpose or concerning the accuracy of any information provided.

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