palmeco

Safety Data

Material composition	Ingredient (By Wt)	Hazard Class	Proportion
	Magnesium Oxide*	None	> 30%
	Palm Fibre*	None	> 10%
	Magnesium Chloride	None	< 20%
	Perlite	None	< 5%
	Proprietary Additives	None	< 2%
	Fibreglass Scrim	None	< 1%
	EPS	None	< 0.5%

**PalmEco boards are made of Magnesium Oxide which is a naturally occuring mineral and Palm Fibre. Releases that may occur into the environment are not expected to leave any hazardous material that could cause a significant adverse impact.*

Physical and Chemical Properties	Physical state	Solid boards
	- Appearance	Colours depending on applicationVarying dimensions according to product used
	Odour	Odourless and bonding agent is free from formaldehyde
	Stability	Stable under ordinary conditions
Toxicology Information	Non toxic in their intact form. All necessary precautions should be taken to prevent inhalation of dust that may be generated during cutting and sanding. It is possible that repeated inhalation exposure of PalmEco Board fibre dust over time may lead to inflammation of the lungs.	
Personal Protection	When cutting/sanding PalmEco material, dust resistant safety goggles and dust mask's should be worn. Good housekeeping practices are necessary for cleaning up areas where dust has been produced. Take measure to either eliminate or minimize the creation of dust. A fine water spray may be used to suppress dust when sweeping.	
Material to Avoid	Hydrofluoric acid will dissolve Magnesium Oxide and can generate Magnesium Chloride fumes	
Fire-fighting Measures	PalmEco boards are non flammable, non explosive and non combustible. As this material is non combustible, appropriate extinguishing media should be used for surrounding fire.	
First Aid Measures*	Eyes	Remove contact lens. Flush with running water or saline. Seek medical attention if redness persists or if visual changes occur.
	Skin	Dust may cause irritation of the skin from friction but cannot be absorbed through intact skin. Wash with mild soap and water. Contact physician if irritation persists or later develops.
	Ingestion	If ingested, dilute by drinking large amounts of water. Do not induce vomiting and immediately seek medical attention.
	Inhalation	Relocate to a well-ventilated area. If shortness of breath or wheezing develops, seek medical attention. *Physician or First Aid providers should treat symptomatically.
	Disposal Consideration	Disposal of material, as an inert, inorganic mineral, in accordance with local regulation. PalmEco board is not hazardous waste.

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