

Hydrocore MSDS & Data Sheet

Country of Origin	Malaysia/Indonesia		
Product Identification	Meranti & MLH Marine Plywood to BS1088	Ext WBP Class 3 EN 314	
Trade Name	<u>HydroCore Marine Plywood</u>		
Description	This panel contains Shorea veneers and similar species of equal or greater density bonded together using a phenolic approved resin		
Potential airborne releases	Manual or mechanical cutting can result in the generation of wood-dust		
Physical Data		Fire & Explosion Data	
Boiling Point	N/A	Flash Point	N/A
Specific Gravity (H2O=1)	Less than 1	Auto ignition temp.	N/A (Will depend upon duration of exposure to heat and other variables)
Vapor Density	N/A	Explosive limits in air	(see below under 'Unusual fire & explosion hazards')
% volatiles by volume	-0	Extinguishing media	Water, carbon dioxide, sand
Melting Point	N/A	Special fire-fighting procedures	None
Vapor Pressure	N/A	Unusual fire & explosion hazards	
Solubility in H2O	Less than 0.1%	Sawing, sanding or machining can produce wood-dust as a bi-product, which may present an explosion hazard if a dust cloud contacts. An airborne concentration of 40 grams per m3 of air is often used as the LEL for wood dust	
% by weight	N/A	Reactivity Data	
Evaporation rate	N/A	Conditions contributing to instability	Stable under normal conditions
Butyl Acetate=1	N/A	Incompatibility	Avoid contact with oxidizing agents. Avoid open flame. Product may ignite in excess of 400 deg f
PH	N/A	Hazardous decomposition products	Thermal and/or thermal oxidative decomposition can produce irritating and toxic fumes/gases

Material data-Physical

WBP Glue (water and boil-proof) Known as Phenol glue, used in Exterior and marine grade plywoods that will be exposed to water and humid weather conditions

Benefits of WBP Glue: No formaldehyde emissions, and no delamination after 72 hour boil-test (see BS1088)

Adhesive Types: 100% Phenol formaldehyde emission EO WBP, EN636-3S/EN314-2, class 3 bonding

Formaldehyde Class: Super EO

Species Durability: Class 3 or better

Minimal Density: +500kg/m³

Thicknesses: 6,9,12,15,18,25mm

Sheet size: 2440 x 1220mm

Product Standard: BS1088-1 2003

Certifications



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