



BESGRADE PLYWOOD SDN BHD

MATERIAL SAFETY DATA SHEET

STRUCTURAL PLYWOOD

1ST April 2019

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Details

Product Name : Structural Plywood
(SP TS C2 – F*****)
Molecular Formula : Not applicable/Mixture
Intended Use : Load bearing structure of construction, Residential,
Commercial industrial and/or fitments

1.2 Company Identification

Manufacturer's Name : Besgrade Plywood Sdn Bhd
Manufacturer's Address : Batu 10, Jalan Pokok Sena,
Mukim Jabi, 06100 Alor Setar,
Kedah, Malaysia
Telephone Number : (604)7822936
Emergency Telephone Number : (604)7822936
Website : www.besgrade.com

1.3 Contact Point

Designation : Marketing Manager
Telephone Number : (604)7822936

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENT

Substances/Chemical Entity	CAS No	Properties by Weight
Wood Veneer	None	>88%
Phenol Formaldehyde Resin	None	<12%

SECTION 3 : PHYSICAL AND CHEMICAL PROPERTIES

Appearance : These products are manufactured as pressed boards ranging in standard thickness from 9, 12 and 15. They made from Malaysian Tropical Hardwood veneers which are bonded together with resin.
Odour : Depend on wood species and time since dust was generated
Solubility : Insoluble in water



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Boiling Point °C	: Not applicable
Melting Point °C	: Not applicable
Vapor Pressure kPa	: Not applicable
Percentage Volatiles	: Not applicable
Evaporation Rate	: Not applicable
Vapor Density	: Not applicable
Specific Gravity	: 0.50-1.000
Flash Point	: Not applicable
Density kg/m ³	: 400 - 600
Auto ignition Temperature	: -
Flammable in Air	: Fine airborne, dust generated when the product is machined, can ignite spontaneously

SECTION 4: HAZARD IDENTIFICATION

General Information : Dust generating from sawing, sanding or machining of this plywood may pose health hazard. The product also may release small quantities of formaldehyde in gaseous form.

Emergency Overview

- Physical state : Solid (panel)
- Color : Varies with formulation
- Odor : Varies with formulation

Warning

Inhalation of wood dust may cause allergy respiratory reaction depending in wood type. Dust may cause eye and respiratory tract irritation.

Potential health effect

Health effects listed are for wood dust;

- Inhalation : Dust may cause nasal dryness, respiratory tract irritation, and allergic respiratory reactions.
- Eye contact : Dust may cause eyes irritation. Exposures may include eye tearing, redness, and discomfort.
- Skin contact : Dust may cause mechanical irritation. Exposure may cause irritation, dermatitis, rash and redness.



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SECTION 5: FIRST AID MEASURES

- Swallowed : Drink a glass of water
- Eye Contact : In case of contact with dust, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical attention.
- Skin Contact : Wash with soap and water. If skin irritation develops, get medical attention. Wash clothing before reuse.
- Inhalation : Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

SECTION 6: FIRE FIGHTING MEASURES

- Extinguishing Media : Water spray, carbon dioxide or dry chemical
- Special Fire Fighting Procedures : Wear self-contained breathing apparatus and protective clothing.
- Unusual Fire & Explosion Hazards : Dust may form explosive dust-air mixtures. Depending on moisture content and particle diameter, wood dust may explode in the presence of an ignition source.
- Hazardous Combustion Products : Burning of wood can produce irritating fumes and gases including carbon monoxide, carbon dioxide, aldehydes and organic acids.

SECTION 7: ACCIDENTAL RELEASE MEASURE

- Personal Precautions : Wear appropriate personal protective equipment (see section 9)
- Leak/spill cleanup method : Wood dust generated from sawing, sanding, or machining may be vacuumed or shoveled for recover or disposal. Avoid generating dust.



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SECTION 8: HANDLING AND STORAGE

- Handling : No special handling precautions are warranted for product in purchased form.
- : When the product is sawed, sanded, machined, or other abrading processes, wear appropriate personal protective equipment. See Section 9. Avoid breathing dust. Avoid getting dust into eyes. Use only with adequate ventilation. Wash thoroughly after handling
- Storage : Store in a cool, dry place. Keep away from ignition sources when machining.

SECTION 9: EXPOSURE CONTROL AND PERSONAL PROTECTION

- Engineering Controls : Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne contaminants below established exposure limits.
- Respiratory Protection : If engineering controls do not keep airborne concentrations below established exposure limits, wear a NIOSH-approved respiratory equipped with high efficiency particulate filter. Contact health and safety professionals for specific information.
- Eye Protection : When sawing, sanding or machining this product, wear approved safety goggles or glasses with side shields. Wear a full-face respirator, if needed.
- Hand Protection : Wear leather gloves. Contact health and safety professionals for additional information.
- Skin Protection : Wear disposable coveralls, lab coat, or apron to prevent skin contact.
- Hygiene measure : Always wash hand before eating and drinking.



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SECTION 10: STABILITY AND REACTIVITY

Stability : This product is stable.

SECTION 11: TOXICOLOGICAL INFORMATION

Routes of Entry : Inhalation and contact with skin and eyes.
Skin contact : Cause irritation and sensitization.
Skin absorption : Not applicable
Eye contact : Cause eye irritations.

SECTION 12: ECOLOGICAL INFORMATION

No data available

SECTION 13: DISPOSAL INFORMATION

General Information : Dispose in accordance with applicable federal, state, and local regulations.
Disposal method : Not specific disposal method required.
Recycle : This panel is recyclable.

SECTION 14: TRANSPORT INFORMATION

This product is not regulated

SECTION 15: REGULATION INFORMATION

Proposed classification : N/A
Risk Phrase : N/A



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Safety Phrase : N/A

SECTION 16: OTHER INFORMATION

This information is furnished without warranty, expressed or implied, except that is accurate to the best of our knowledge. The date on this sheet relate only to the specific material designated herein. We assume no legal responsibility for injury or damage arising from use or reliance upon these data. Precaution in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safety and to comply with all applicable law and regulation.

