

CoreLite

Material Safety Data Sheet (MSDS)

Product: End-grain Balsa Wood Core Material: BALSASUD® Core

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SECTION I

PRODUCT IDENTIFICATION

Product Names BALSASUD® Balsa Core
Generic Identification Balsa Panel, Balsa Sheet, Balsa block, Balsawood, Finished Balsa, Scrim backed and scored.
Appearance Tan colored, kiln-dried wood.
Odor None
D.O.T. Hazard Classification ORM-C / No Label Required

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SECTION II

HAZARDOUS INGREDIENTS INFORMATION

Product contains no hazardous ingredients per 29 CFR 1910.1200

However, processing this product (cutting, sanding, milling, routing, drilling) may result in airborne particles of the product subject to following exposure limit:

<u>Ingredient</u>	<u>CAS #</u>	<u>% By Wgt</u>	<u>PEL</u>	<u>TLV</u>
Particles – Not Otherwise Regulated		N/A	TWA = 15 mg/m ³	N/A

SECTION III**PHYSICAL AND CHEMICAL CHARACTERISTICS**

Boiling Point	N/A
Vapor Pressure	N/A
Vapor Density	N/A (Solid)
Specific Gravity	0.13 to 0.18
Evaporation Rate	N/A
Percent Volatile by Volume	N/A
Solubility in Water by Weight	N/A
Appearance, State, Form	Light brown, wood grain, solid

SECTION IV**FIRE AND EXPLOSION HAZARD DATA**

Flash Point (ASTM D1929)	> 400°F (204°C)
Auto-ignition	> 750°F (399°C)
Flammability Limits in Air	Not determined
Explosive Limits in Air	40 gr/m ³ (Wood Dust Clouds)
Hazardous Decomposition Products	None known
Extinguishing Media	Water, Water-fog, CO ₂ , Dry chemical
Special Fire Fighting Procedures	Self-contained breathing apparatus and protective clothing should be worn in a sustained fire.
Unusual Fire and Explosion Hazards	May smolder unless doused with water. Processing of material generates wood dust can be a strong to severe explosion hazard if dust cloud is exposed to an ignition source.

SECTION V**REACTIVITY DATA**

Hazardous Polymerization	Will not occur
Stability	Stable
Incompatibility (Avoid Contact With)	Strong oxidizers (may cause ignition and subsequent burning).
Conditions to avoid	Exposure to open flame or excessive heat
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide, and traces of low molecular weight hydrocarbons and organic acids.

SECTION VI**HEALTH HAZARD DATA**

Effects of Overexposure (Incidental Wood Dust)

Eyes Can cause mild irritation, redness, tearing

Skin	No known adverse effects, but may cause itching or allergic reaction in sensitive Persons after pro-longed exposure
Breathing	Inhalation of excessive dust from product can cause asphyxiation due to coating of lung tissue; may cause nasal dryness, irritation and obstruction; coughing, sneezing, may occur.
Swallowing	Not likely to occur. No known adverse effect.
Emergency/First Aid Procedures	
Eyes	Flush eye, upper lid and lower lid with water; seek medical attention if irritation persists.
Skin	Flush with water or wash with soap and water. Do not blow dust off with compressed air. If melted EVA glue from scrim comes in contact with skin, do not pull from skin, but cool with water.
Breathing	Evacuate individual to fresh air area, if difficulty in breathing persists, administer oxygen, if breathing stops or asphyxia is apparent, administer CPR and call for emergency assistance. Keep individual warm and quite.
Swallowing	Drink water or, if large quantities have been ingested, seek medical attention.

Primary Routes of Entry

Inhalation of incidental dust.
 Contact from handling and inhalation of wood dust from processing material (sawing, sanding, routing, etc)

Effects of Chronic Exposure

No known adverse chronic health effects are known for this product, but enhanced allergic conditions may occur for certain persons. No information available to us suggests that any medical condition might be aggravated by exposure to this product. However, hardwood dust has been classified as a human carcinogen (Group 1, 4/1995) by the International Agency for Research on Cancer, such classification being based primarily on evaluation of nasal cavities and Para nasal sinuses. Similarly, the American Conference of Governmental Industrial Hygienists classifies hardwood dust as a confirmed human carcinogen (Class 1A, 5/1996). However, balsawood (ochrome pyramidale) is considered to be lightwood.

SECTION VII PRECAUTION FOR SAFE HANDLING AND USE

Protective Equipment to be Used

Respiratory Protection	Use of a dust/mist respirator with NIOSH/MSMA (TC-21C-132) approval is recommended whenever use of product results in creation of dust.
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Ventilation While the product does not require special ventilation, whenever use of product results in creation of dust, dust collection units (mechanical or vacuum) are recommended to prevent the potential accumulation of potentially explosive airborne dust clouds and to decrease inhalation exposures.

Protective Clothing Normal clothing covering the arms and legs, as well as eye protection (safety glasses or goggles) are recommended whenever use of product results in creation of dust.

Precautions to be Taken in Handling and Storage

Product is combustible wood and should be stored in cool, dry location away from open flame, heat sources or other means of ignition.

SECTION VIII SPILL, LEAK, AND DISPOSAL PROCEDURES

Dust collection units should be used when processing materials resulting in large quantities of balsa dust.

Debris and dust on the floor can be collected with shop vacuum or by sweeping.

Waste disposal should be in accordance with existing federal, state and local environmental regulations.

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Material Safety Data Sheet - may be used to comply with OSHA's Hazard Communication Standard. Please refer to 29 CFR 1910.1200 for specific requirements.

BALSASUD[®]

*Number **1** for Quality*