

MATERIAL SAFETY DATA SHEET (MSDS)

April 2010

Section I - Product Identification

Product Name	Sudply
Product Description	Softwood plywood, bonded with phenolic resin
Manufacture's Name	Indústria de Compensados Sudati Ltda
Address	Av. Presidente Getúlio Vargas, 1638, Palmas, PR, Brazil

Section II - Hazard Ingredients

Ingredient Name	Exposure Limits
Softwood	NAP
Softwood Dust	OSHA PEL (none) ACGIH TLV TWA 8 hour - 5 mg/m ³ STEL 15 min - 10 mg/m ³
Phenol Formaldehyde Resin ¹	NAP
Free Formaldehyde Gas	OSHA PEL TWA 8 hour - 0.75 ppm STEL 15 min - 2 ppm ACGIH TLV (ceiling) 0.3 ppm
CAS#	9003-35-4

¹ These products may contain trace (<0.1%, wt %) amounts of free formaldehyde, which may be released depending on concentration and environmental conditions. These panels contain no urea-formaldehyde resins.

Section III - Physical / Chemical Characteristics

Appearance and Odor	Yellow or tan panel
Specific Gravity	(H ₂ O = 1) 0.55 - 0.70

* **Boiling Point, Melting Point, Vapor Pressure, Vapor Density, Solubility in Water and Evaporation Rate** are NOT APPLICABLE properties for this product.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method used)	NAP
Extinguishing Media	Water, carbon dioxide (CO ₂), sand
Auto-Ignition Temperature	Over 400 °F
Flamable Limits in Air	40 g/m ³ (LEL)
Special Fire Fighting Procedures	Use water to wet the panels and wood dust. Remove burned and charred material to an open and secure area. Avoid breathing smoke.
Unusual Fire & Explosion Hazards	Dry and warm environments or the presence of an ignition

source may cause wood dust to explode.

Section V - Reactivity Data

Stability	Stable
Incompatibility	Oxidizing agents, drying oils, open flame.
Hazardous Decomposition	Toxic fumes and gases like carbon dioxide (CO ₂).
Hazardous Polymerisation	Will not occur

Section VI - Health Hazard Data

Primary Health Hazards	The primary health hazard posed by this product is thought to be due exposure to wood dust.
Routes of Entry	Inhalation and skin.
Health Hazards	If panels are cut or sanded then wood dust may be inhaled or its contact to skin and may cause irritation to sensitized individuals. According to IARC's evaluation wood dust is classified as a Group 1 carcinogen and may cause adenocarcinomas of the nasal cavities and paranasal sinuses.
Signs and Symptoms of Exposure	Throat or eyes irritation.
Medical Conditions Generally	Pre-existing respiratory conditions and allergies.
Emergency and First Aid Procedures	Remove from exposure, avoid breathing, flush irritated eyes with clean water. If symptoms persist seek medical attention.

Section VII - Precautions for Safe Handling and Use

Precautions to be taken in Handling and Storing	Store in cool, dry place, away from open flame. Panels are often supplied in heavy bundles that may cause fatal accidents if not stacked in solid piles. Individual panel are also heavy enough to cause serious injuries if dropped over the lower limbs, so handle with care.
Steps to Be Taken in Case Material is Released or Spilled	Not applicable for the product itself. Wood dust from sawing or sanding must be removed by vacuum or shoveled.
Waste Disposal Method	Incineration is often preferred, however, Federal, state and local regulations must be followed.
Other Precautions	Use of hand gloves, safety glasses.

Section VIII - Control Measures

Ventilation	Recommended
Local Exhaust	Recommended
Mechanical	NAP
Special	Self-contained breathing apparatus (SCBA) recommended when suppressing fire.
Respiratory Protection	NIOSW/MSHA approved respirator
Protective Gloves	Recommended to avoid mechanical irritation when handling the panels.
Eye Protection	Safety glasses or goggles are highly recommended when cutting or sanding oaneld pannels.
Other Protective Clothing or Equipment	NAP
Work/Hygienic Practices	Good housekeeping practices to avoid excessive accumulation of wood dust.

Section IX - Transport Information

*This product is not considered a DOT hazardous material.

*Some states require loads to be covered to transport.

Section X - User's Responsibility

This MSDS contains information based on the experience of occupational health and safety professionals which are believed to be accurate and technically correct. It is the user's responsibility to determine if this **information is suitable for their applications and follow safety precautions.**

Section XI - Regulatory Information

OSHA: Softwood Plywood is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200. However, wood dust generated by cutting or sanding the panels may be **hazardous.**

Canadian WHMIS: Softwood Plywood is not considered a controlled product.